

JVC

SERVICE MANUAL

COLOUR TELEVISION

AV-2968TEE/SK
AV-2969TEE/SK

BASIC CHASSIS

CH

Supplementary

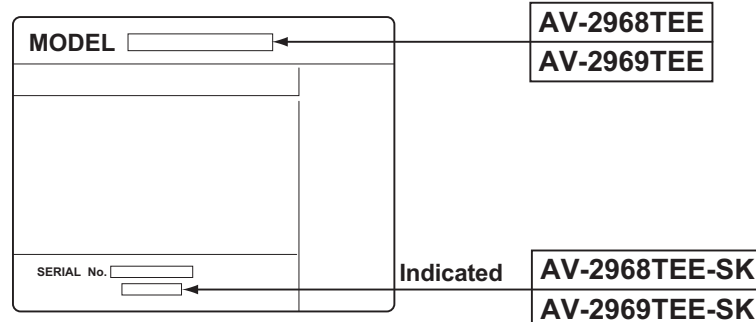
We have changed the production country for some parts. As a result, some parts number have been changed. Therefore, this service manual describes only these parts number.
For others, please use the service manual for AV-2968TEE (No.52062, Sep. 2002).

OUTLINE

Since the production country was changed, we have issued the SERVICE MANUAL for AV-2968TEE/SK, AV-2969TEE/SK.

HOW TO IDENTIFY MODELS

“AV-2968TEE-SK” and “AV-2969TEE-SK” are added to the serial No. under at the Rating label.



DIFFERENCE LIST

USING P.W. BOARD (Page 43)

| P.W.B ASS'Y Name | AV-2968TEE | AV-2968TEE/SK | DESCRIPTION |
|---------------------|--------------|---------------|----------------|
| MAIN PWB | SCH-1104A-H2 | SCH-1601A-H2 | Non compatible |
| CRT SOKET P.W.B | SCH-3005A-H2 | SCH-3603A-H2 | Non compatible |
| FRONT CONTROL P.W.B | SCH-8004A-H2 | SCH-8601A-H2 | Non compatible |

| P.W.B ASS'Y Name | AV-2968TEE | AV-2969TEE/SK | DESCRIPTION |
|---------------------|--------------|---------------|----------------|
| MAIN PWB | SCH-1104A-H2 | SCH-1602A-H2 | Non compatible |
| CRT SOKET P.W.B | SCH-3005A-H2 | SCH-3604A-H2 | Non compatible |
| FRONT CONTROL P.W.B | SCH-8004A-H2 | SCH-8602A-H2 | Non compatible |

EXPLODED VIEW PARTS LIST (I) (Page 43)

| △ | Ref. No. | PARTS No. | | PARTS NAME | DESCRIPTION |
|---|----------|----------------|--------------------------------|----------------|-------------|
| | | AV-2968TEE | AV-2968TEE/SK AV-2969TEE/SK | | |
| △ | 25 | LC11193-021C-H | LC11193-021C-HK | F.CABINET ASSY | |

EXPLODED VIEW PARTS LIST (II) (Page 44)

| △ | Ref. No. | PARTS No. | | PARTS NAME | DESCRIPTION |
|---|----------|-----------------|--------------------------------|--------------------|--------------|
| | | AV-2968TEE | AV-2968TEE/SK AV-2969TEE/SK | | |
| △ | V01 | A68QCU257X75K | A68QCU257X77ND | PICTURE TUBE (ITC) | Inc.DEF YOKE |
| | 1 | LC11061-001A-H | LC11061-001A-HK | CHASSIS BASE | |
| △ | 18 | LC10763-004A-HH | LC10763-004A-HK | REAR COVER | |

PACKING PARTS LIST (Page 62)

| △ | Ref. No. | PARTS No. | | PARTS NAME | DESCRIPTION |
|---|----------|----------------|----------------|--------------|-------------|
| | | AV-2968TEE | AV-2969TEE-SK | | |
| △ | 6 | LCT1178-001A-H | LCT1519-001A-H | INST BOOK | |
| | 12 | GG20025-003A-H | LC21271-001A-H | CORNER LABEL | |

PRINTED WIRING BOARD PARTS LIST [AV-2968TEE/sk]

MAIN P.W. BOARD ASS'Y (SCH-1601A-H2)

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|-----------------|------------------|-------------------|----------|----------------|------------------|-------------------|
| IC1130 | M52342SP | IC | (SERVICE) | D1655 | MA111-X | SI DIODE | |
| IC1301 | TDA9181T/N1-X | IC | | D1657 | MA111-X | SI DIODE | |
| IC1401 | LA78041 | IC | | D1701 | MA111-X | SI DIODE | |
| IC1461 | JLC1562BF-X | IC | | D1702 | MA3020-X | CHIP ZENER DIODE | |
| IC1480 | UPC358G2-XE | IC | | D1703 | MA3036-X | CHIP ZENER DIODE | |
| IC1602 | NJW1136GL1-W | IC | | D1730 | MA111-X | SI DIODE | |
| IC1650 | AN5277 | IC | | D1731 | MA111-X | SI DIODE | |
| IC1701 | TDA9365N23S0874 | IC | | D1732 | MA111-X | SI DIODE | |
| IC1702 | AT24C08-21WS3 | IC | | D1733 | MA111-X | SI DIODE | |
| IC1801 | MM1492AF | IC | | D1801 | MA3120/M-X | Z DIODE | |
| IC1901 | STR-F6256S-F7 | IC | | D1802 | MA3120/M-X | Z DIODE | |
| IC1951 | SE135N | IC | | D1901 | GSIB460 | BRIDGE DIODE | |
| IC1972 | L88M33T-X | IC | | D1902 | MTZJ33B-T2 | Z DIODE | |
| IC1973 | BA17812T | IC | | D1906 | MTZJ27B-T2 | Z DIODE | |
| IC1974 | BA51W12ST-V5 | IC | | D1907 | MTZJ33B-T2 | Z DIODE | |
| Q1101 | 2SC5083/L-P/-T | TRANSISTOR | H.OUT | D1908 | MA3200/M-X | CHIP ZENER DIODE | |
| Q1102 | UN2212-X | DIGI TRANSISTOR | | D1909 | 1SS133-T2 | DIODE | |
| Q1104 | 2SB709A/QR/-X | TRANSISTOR | | D1911 | RGP10J-5025-T3 | SI DIODE | |
| Q1105 | 2SD601A/QR/-X | TRANSISTOR | | D1912 | RGP10J-5025-T3 | SI DIODE | |
| Q1106 | 2SB709A/QR/-X | TRANSISTOR | | D1913 | RGP10M-5010-T3 | SI DIODE | |
| Q1107 | UN2212-X | DIGI TRANSISTOR | | D1914 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| Q1108 | 2SD601A/QR/-X | TRANSISTOR | | D1915 | MTZJ39B-T2 | Z DIODE | |
| Q1109 | UN2212-X | DIGI TRANSISTOR | | D1916 | MTZJ15B-T2 | Z DIODE | |
| Q1110 | UN2212-X | DIGI TRANSISTOR | | D1917 | 1SS133-T2 | DIODE | |
| Q1130 | 2SB709A/QR/-X | TRANSISTOR | | D1919 | 1SS133-T2 | DIODE | |
| Q1131 | UN2212-X | DIGI TRANSISTOR | | D1920 | MTZJ15B-T2 | Z DIODE | |
| Q1132 | 2SD601A/QR/-X | TRANSISTOR | | D1950 | RGP10J-5025-T3 | SI DIODE | |
| Q1133 | 2SB709A/QR/-X | TRANSISTOR | | D1952 | ERC30-02L38 | SI DIODE | |
| Q1134 | UN2212-X | DIGI TRANSISTOR | | D1953 | RGP10J-5025-T3 | SI DIODE | |
| Q1135 | UN2212-X | DIGI TRANSISTOR | | D1954 | RU30A-F1 | SI DIODE | |
| Q1136 | 2SD601A/QR/-X | TRANSISTOR | | D1955 | 1SR35-400A-T2 | SI DIODE | |
| Q1137 | 2SD601A/QR/-X | TRANSISTOR | H.OUT | D1956 | 31DF6N-FC5 | FR DIODE | |
| Q1138 | UN2212-X | DIGI TRANSISTOR | | D1958 | MTZJ5.1A-T2 | Z DIODE | |
| Q1301 | 2SB709A/QR/-X | TRANSISTOR | | D1960 | MA111-X | SI DIODE | |
| Q1302 | 2SB709A/QR/-X | TRANSISTOR | | D1964 | MA3330/L-X | Z DIODE | |
| Q1303 | UN2212-X | DIGI TRANSISTOR | | D1966 | MA3047/L-X | CHIP ZENER DIODE | |
| Q1304 | 2SD601A/QR/-X | TRANSISTOR | | D1968 | MA111-X | SI DIODE | |
| Q1480 | 2SD1408/OY/-LB | POW TRANSISTOR | | D1969 | MA111-X | SI DIODE | |
| Q1521 | 2SC2655/Y/-T | TRANSISTOR | | D1970 | MTZJ9.1B-T2 | Z DIODE | |
| △Q1522 | 2SD2634-YD | TRANSISTOR | | D1971 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| Q1591 | 2SA1208/ST/Z1-T | TRANSISTOR | | C1001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1592 | UN2212-X | DIGI TRANSISTOR | | C1002 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| Q1660 | 2SD601A/QR/-X | TRANSISTOR | | C1003 | QFV71HJ-104Z | MF CAPACITOR | 0.1uF 50V J |
| Q1661 | 2SD601A/QR/-X | TRANSISTOR | | C1004 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M |
| Q1683 | 2SB709A/QR/-X | TRANSISTOR | | C1005 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| Q1684 | 2SB709A/QR/-X | TRANSISTOR | | C1006 | QETN1CM-336Z | E CAPACITOR | 33uF 16V M |
| Q1685 | DTC323TK-X | DIGI TRANSISTOR | | C1007 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1686 | DTC323TK-X | DIGI TRANSISTOR | | C1101 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1701 | 2SB709A/QR/-X | TRANSISTOR | | C1102 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1702 | 2SB709A/QR/-X | TRANSISTOR | | C1103 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1720 | 2SB709A/QR/-X | TRANSISTOR | | C1104 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1801 | DTC323TK-X | DIGI TRANSISTOR | | C1105 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1802 | DTC323TK-X | DIGI TRANSISTOR | | C1106 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| Q1803 | 2SB709A/QR/-X | TRANSISTOR | | C1107 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1804 | 2SC1740S/QR/-T | TRANSISTOR | | C1109 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| Q1860 | 2SD601A/QR/-X | TRANSISTOR | | C1130 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1861 | 2SB709A/QR/-X | TRANSISTOR | | C1131 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1862 | 2SB709A/QR/-X | TRANSISTOR | | C1132 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1901 | 2SC3852A | SI TRANSISTOR | | C1133 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| Q1951 | 2SA1013/RO/-T | SI TRANSISTOR | | C1134 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1952 | 2SD601A/QR/-X | TRANSISTOR | | C1135 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| Q1953 | 2SD601A/QR/-X | TRANSISTOR | | C1136 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1954 | 2SD601A/QR/-X | TRANSISTOR | | C1137 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1955 | 2SD601A/QR/-X | TRANSISTOR | | C1138 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1101 | 1SS268-X | SI DIODE | H.OUT | C1139 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1301 | MTZJ5.1B-T2 | Z DIODE | | C1140 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1401 | RGP10J-5025-T3 | SI DIODE | | C1141 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1402 | MTZJ75-T2 | Z DIODE | | C1142 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1405 | 1N4003-T2 | SI DIODE | | C1143 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| D1408 | MA111-X | SI DIODE | | C1144 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K |
| D1480 | MTZJ4.3A-T2 | Z DIODE | | C1301 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| D1521 | RH3G-F1 | SI DIODE | | C1302 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| D1522 | 31DF6N-FC5 | FR DIODE | | C1304 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1523 | RGP10J-5025-T3 | SI DIODE | | C1305 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1541 | RGP10J-5025-T3 | SI DIODE | | C1306 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| D1550 | MA111-X | SI DIODE | | C1307 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| D1551 | EU2-T3 | SI DIODE | | C1308 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1553 | RGP10J-5025-T3 | SI DIODE | | C1315 | QFLC1HJ-473Z | M CAPACITOR | 0.047uF 50V J |
| D1554 | RGP10J-5025-T3 | SI DIODE | | C1401 | QETN1HM-336Z | E CAPACITOR | 33uF 50V M |
| D1592 | MA3075/H/-X | CHIP ZENER DIODE | | C1402 | QCB31HK-682Z | C CAPACITOR | 6800pF 50V K |
| D1652 | MA3330/L-X | Z DIODE | | C1403 | QEHR1VM-107Z | E CAPACITOR | 100uF 35V M |
| D1653 | MA3330/L-X | Z DIODE | | C1406 | QFLC2AJ-683Z | M CAPACITOR | 0.068uF 100V J |
| | | | | C1407 | QCS32HJ-560Z | C CAPACITOR | 56pF 500V J |
| | | | | C1411 | NCF21HZ-334X | C CAPACITOR | 0.33uF 50V Z |
| | | | | C1412 | NCF21HZ-334X | C CAPACITOR | 0.33uF 50V Z |

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|--------------|----------------|-------------------|----------|--------------|--------------|-------------------|
| C1413 | QFLC2AJ-563Z | M CAPACITOR | 0.056uF 100V J | C1741 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1422 | QEHQ1VM-108 | E CAPACITOR | 1000uF 35V M | C1742 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1471 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1743 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1480 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1744 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C1483 | QEZ0195-475Z | BP E CAPACITOR | 4.7uF 50V M | C1745 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K |
| C1485 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | C1747 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K |
| C1521 | QETN1VM-476Z | E CAPACITOR | 47uF 35V M | C1749 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1522 | QFLC1HJ-332Z | M CAPACITOR | 3300pF 50V J | C1751 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1523 | QFLC1HJ-223Z | M CAPACITOR | 0.022uF 50V J | C1752 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1524 | QFZ0196-382 | MPP CAPACITOR | 3800pF 1.5kV H | C1753 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1525 | QFZ0200-143 | MPP CAPACITOR | 0.014uF 1.5kV H | C1801 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1526 | QFP32JJ-223 | PP CAPACITOR | 0.022uF 630V J | C1802 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1527 | QFZ0199-224 | MPP CAPACITOR | 0.22uF | C1803 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1528 | QFZ0199-224 | MPP CAPACITOR | 0.22uF | C1804 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1529 | QENC2AM-225Z | BP E CAPACITOR | 2.2uF 100V M | C1805 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1530 | QCB32HK-561Z | C CAPACITOR | 560pF 500V K | C1807 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1531 | QEHR1EM-108Z | E CAPACITOR | 1000uF 25V M | C1808 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1532 | QCB32HK-561Z | C CAPACITOR | 560pF 500V K | C1810 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1533 | QEHR1EM-108Z | E CAPACITOR | 1000uF 25V M | C1811 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1534 | QCB32HK-561Z | C CAPACITOR | 560pF 500V K | C1812 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1536 | QFLC1HJ-103Z | M CAPACITOR | 0.01uF 50V J | C1813 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1540 | QFV71HJ-104Z | MF CAPACITOR | 0.1uF 50V J | C1814 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1541 | QETN2EM-106Z | E CAPACITOR | 10uF 250V M | C1815 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1550 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | C1817 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1561 | QFV21HJ-154Z | MF CAPACITOR | 0.15uF 50V J | C1819 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1566 | QFZ0196-113 | MPP CAPACITOR | 0.011uF 1.5kV H | C1820 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1591 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | C1821 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1592 | QETM2CM-227 | E CAPACITOR | 220uF 160V M | C1822 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M |
| C1593 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M | C1823 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1625 | NCF21EZ-474X | C CAPACITOR | 0.47uF 25V Z | C1824 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1626 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K | C1825 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1627 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K | C1826 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1628 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | C1827 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1629 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | C1829 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1630 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1830 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1631 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1831 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1632 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1833 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M |
| C1633 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1834 | NDC31HJ-181X | C CAPACITOR | 180pF 50V J |
| C1634 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1902 | QFZ9072-104 | MM CAPACITOR | 0.1uF AC250V K |
| C1635 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1903 | QCZ9015-102Z | C CAPACITOR | 1000pF AC250V Z |
| C1636 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1904 | QCZ9015-102Z | C CAPACITOR | 1000pF AC250V Z |
| C1637 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1905 | QCZ9015-102Z | C CAPACITOR | 1000pF AC250V Z |
| C1638 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1907 | QEZ0633-337 | E CAPACITOR | 330uF |
| C1639 | QETN1HM-107Z | E CAPACITOR | 100uF 50V M | C1909 | QCZ0325-102 | C CAPACITOR | 1000pF 2kV K |
| C1640 | NCF21HZ-334X | C CAPACITOR | 0.33uF 50V Z | C1910 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C1641 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1911 | QETN1VM-107Z | E CAPACITOR | 100uF 35V M |
| C1643 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1913 | QFLC1HJ-683Z | M CAPACITOR | 0.068uF 50V J |
| C1644 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | C1915 | QCB32HK-222Z | C CAPACITOR | 2200pF 500V K |
| C1645 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1916 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M |
| C1646 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1917 | QCB32HK-181Z | C CAPACITOR | 180pF 500V K |
| C1647 | NCF21EZ-474X | C CAPACITOR | 0.47uF 25V Z | C1918 | QCB32HK-103 | C CAPACITOR | 0.01uF 500V K |
| C1648 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | C1919 | QCZ0325-391 | C CAPACITOR | 390pF 2kV K |
| C1649 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | C1920 | QCZ0122-471 | C CAPACITOR | 470pF 2kV K |
| C1650 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | C1921 | QFN31HJ-473Z | M CAPACITOR | 0.047uF 50V J |
| C1651 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | C1922 | QETN2AM-226Z | E CAPACITOR | 22uF 100V M |
| C1652 | QETN1HM-105Z | E CAPACITOR | 1uF 50V M | C1952 | QCB32HK-471Z | C CAPACITOR | 470pF 500V K |
| C1653 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1953 | QEHQ1VM-228 | E CAPACITOR | 2200uF 35V M |
| C1654 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1955 | QCB32HK-471Z | C CAPACITOR | 470pF 500V K |
| C1655 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1956 | QETN1VM-107Z | E CAPACITOR | 100uF 35V M |
| C1656 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1957 | QCB31HK-471Z | C CAPACITOR | 470pF 50V K |
| C1662 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1958 | QEHR1CM-108Z | E CAPACITOR | 1000uF 16V M |
| C1681 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M | C1959 | QCZ0364-561 | C CAPACITOR | 560pF 2kV K |
| C1682 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M | C1960 | QEZ0203-227 | E CAPACITOR | 220uF 160V M |
| C1683 | QETN1CM-336Z | E CAPACITOR | 33uF 16V M | C1961 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M |
| C1684 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1962 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1702 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1963 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M |
| C1703 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | C1964 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| C1704 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | C1965 | QETN1VM-476Z | E CAPACITOR | 47uF 35V M |
| C1706 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1966 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1707 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | C1968 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1709 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M | C1970 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1710 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1972 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| C1711 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | C1974 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1712 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M | C1975 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M |
| C1713 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | C1977 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| C1720 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M | C1978 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1725 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | C1980 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1729 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M | C1981 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C1730 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1982 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M |
| C1731 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1983 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M |
| C1732 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | △C1991 | QCZ9079-102 | C CAPACITOR | 1000pF AC250V M |
| C1733 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | △C1992 | QCZ9079-102 | C CAPACITOR | 1000pF AC250V M |
| C1734 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | △C1993 | QCZ9079-102 | C CAPACITOR | 1000pF AC250V M |
| C1735 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | | | | |
| C1736 | QETN1HM-105Z | E CAPACITOR | 1uF 50V M | R1001 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| C1737 | QETN1HM-105Z | E CAPACITOR | 1uF 50V M | R1002 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| C1738 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | R1003 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J |
| C1739 | NFV41CJ-104X | MPPS CAPACITOR | 0.1uF 16V J | R1004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| C1740 | QETN1HM-225Z | E CAPACITOR | 2.2uF 50V M | R1005 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|--------------|---------------|-------------------|----------|---------------|---------------|-------------------|
| R1006 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | R1543 | QRE121J-471Y | C RESISTOR | 470Ω 1/2W J |
| R1101 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | R1545 | QRE121J-220Y | C RESISTOR | 22Ω 1/2W J |
| R1102 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | R1546 | QRE121J-822Y | C RESISTOR | 8.2kΩ 1/2W J |
| R1103 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | △R1547 | QRZ9011-4R7 | FUSI RESISTOR | 4.7Ω 1/2W J |
| R1104 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | R1561 | QRL029J-220 | OMF RESISTOR | 22Ω 2W J |
| R1105 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | R1562 | QRE121J-123Y | C RESISTOR | 12kΩ 1/2W J |
| R1106 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1563 | QRZ0056-103Z | COMP RESISTOR | 10kΩ 1/2W K |
| R1107 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1591 | QRA14CF-1202Y | CMF RESISTOR | 12kΩ 1/4W F |
| R1108 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1592 | QRZ0225-2R2 | UNF RESISTOR | 2.2Ω 7W K |
| R1109 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1593 | NRSA02F-332X | MG RESISTOR | 3.3kΩ 1/10W F |
| R1111 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1594 | QRE121J-183Y | C RESISTOR | 18kΩ 1/2W J |
| R1113 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1595 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R1114 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1621 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1115 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1622 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1623 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1130 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1624 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1131 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1625 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1132 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1626 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1133 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | R1627 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1134 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | R1628 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1135 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | R1629 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1136 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1630 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1137 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1650 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1138 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1651 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1139 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1652 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1140 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | R1653 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1141 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | R1654 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1142 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | R1655 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1143 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1656 | QRE121J-2R2Y | C RESISTOR | 2.2Ω 1/2W J |
| R1144 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | R1657 | QRE121J-2R2Y | C RESISTOR | 2.2Ω 1/2W J |
| R1145 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | R1660 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1146 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1661 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J |
| R1147 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1662 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R1148 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | R1663 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1149 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1664 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R1155 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1688 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R1301 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1690 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1302 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1691 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1303 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1695 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R1304 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1696 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1305 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1701 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1306 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1702 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1307 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1703 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1308 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1704 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1309 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | R1705 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1310 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | R1706 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1311 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | R1707 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1317 | QRL029J-101 | OMF RESISTOR | 100Ω 2W J | R1708 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1401 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | R1709 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1403 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | R1710 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1405 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | R1711 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1406 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1712 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1408 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | R1713 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1410 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1714 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1411 | QRG01GJ-221 | OMF RESISTOR | 220Ω 1W J | R1715 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1412 | QRE121J-1R0Y | C RESISTOR | 1Ω 1/2W J | R1716 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1413 | QRX01GJ-1R2 | MF RESISTOR | 1.2Ω 1W J | R1717 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1414 | QRE121J-2R2Y | C RESISTOR | 2.2Ω 1/2W J | R1718 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1415 | QRE121J-120Y | C RESISTOR | 12Ω 1/2W J | R1719 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1416 | QRE141J-225Y | C RESISTOR | 2.2MΩ 1/4W J | R1720 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1425 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | R1721 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1478 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1722 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1479 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1723 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1480 | QRE121J-681Y | C RESISTOR | 680Ω 1/2W J | R1724 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1481 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | R1725 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1482 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1726 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1483 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | R1727 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1484 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1728 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1485 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | R1730 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J |
| R1486 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | R1731 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1487 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | R1732 | NRSA02F-393X | MG RESISTOR | 39kΩ 1/10W F |
| R1489 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | R1733 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R1490 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1734 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J |
| R1491 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1735 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1492 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | R1736 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R1493 | QRE121J-223Y | C RESISTOR | 22kΩ 1/2W J | R1737 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J |
| R1494 | QRL039J-330 | OMF RESISTOR | 33Ω 3W J | R1738 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1521 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1739 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1522 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1740 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1523 | QRL039J-151 | OMF RESISTOR | 150Ω 3W J | R1741 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1524 | QRL039J-151 | OMF RESISTOR | 150Ω 3W J | R1742 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1526 | QRL029J-271 | OMF RESISTOR | 270Ω 2W J | R1744 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1527 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | R1745 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J |
| △R1528 | QRZ9021-1R0 | FUSI RESISTOR | 1Ω 1W J | R1746 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| △R1529 | QRZ9021-1R0 | FUSI RESISTOR | 1Ω 1W J | R1747 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1531 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | R1748 | NRSA02J-225X | MG RESISTOR | 2.2MΩ 1/10W J |
| △R1532 | QRZ9017-4R7 | FUSI RESISTOR | 4.7Ω 1/4W J | R1749 | NRSA02J-185X | MG RESISTOR | 1.8MΩ 1/10W J |
| R1541 | QRE121J-124Y | C RESISTOR | 120kΩ 1/2W J | R1750 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1542 | QRE121J-124Y | C RESISTOR | 120kΩ 1/2W J | R1755 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|--------------|-----------------|----------------|-------|----------|---------------|-----------------|----------------|-------|
| R1756 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | L1301 | QQL244K-221Z | PEAKING COIL | 220uH K | |
| R1757 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | L1401 | QQL26AK-220Z | CHOKE COIL | 22uH K | |
| R1758 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | L1480 | QQR1138-001 | CHOKE COIL | | |
| R1790 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | | L1523 | QQR1243-001 | LINEARITY COIL | | |
| R1803 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | | L1541 | QQL244K-220Z | PEAKING COIL | 22uH K | |
| R1804 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1561 | QQL2028-272 | COIL | 2.7mH | |
| R1805 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1701 | QQL244K-100Z | PEAKING COIL | 10uH K | |
| R1806 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1702 | QQL244K-100Z | PEAKING COIL | 10uH K | |
| R1807 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1731 | QQL244J-101Z | PEAKING COIL | 100uH J | |
| R1808 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | | L1951 | QQL2034-460 | HEATER CHOKE | 46uH | |
| R1809 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | L1953 | QQL244J-5R6Z | COIL | 5.6uH J | |
| R1810 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | | L1954 | QQL26AK-820Z | CHOKE COIL | 82uH K | |
| R1811 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | △T1521 | QQR1229-001 | DRIVE TRANSF | | |
| R1812 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | | T1561 | QQR1153-001 | DAF TRANSF | | |
| R1813 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | △T1901 | QQS0110-001 | SW TRANSF | | |
| R1815 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CF1103 | QAX0639-001Z | C TRAP | 4.500MHz | |
| R1818 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CF1130 | QAX0642-001Z | C FILTER | 4.500MHz | |
| R1820 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CF1140 | QAX0695-001Z | C FILTER | 5.500MHz | |
| R1821 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CF1141 | QAX0696-001Z | C FILTER | 6.000MHz | |
| R1823 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CF1142 | QAX0697-001Z | C FILTER | 6.500MHz | |
| R1824 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CN1001 | QGF1220C2-25 | CONNECTOR | FFC/FPC (1-25) | |
| R1826 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CN100A | QGA2501C5-03Z | CONNECTOR | W-B (1-3) | |
| R1829 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | CN100C | QGA2501C5-06Z | CONNECTOR | W-B (1-6) | |
| R1830 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CN100D | WJQ0003-002A | E-SH C WIRE B-B | | |
| R1831 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CN100S | QGA2501C5-05Z | CONNECTOR | W-B (1-5) | |
| R1832 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | CN100T | QJK002-063231 | SIN CR B-B WIRE | | |
| R1833 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | | CN100U | QGA2501C5-06Z | CONNECTOR | W-B (1-6) | |
| R1834 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | | CN100W | QGA7901C1-02 | CONNECTOR | W-B (1-2) | |
| R1835 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | | CN10HV | QGZ5004C1-06 | CONNECTOR | (1-6) | |
| R1836 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | CN1DEG | QGZ5004C1-02 | CONNECTOR | (1-2) | |
| R1837 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | △CP1951 | ICP-N75-Y | IC PROTECTOR | 2.7A | |
| R1838 | QRK126J-121X | UNF C RESISTOR | 120Ω 1/2W J | | △CP1952 | ICP-N38-Y | IC PROTECTOR | 1.5A | |
| R1839 | QRE121J-221Y | C RESISTOR | 220Ω 1/2W J | | △CP1953 | ICP-N38-Y | IC PROTECTOR | 1.5A | |
| R1840 | QRE121J-221Y | C RESISTOR | 220Ω 1/2W J | | HS1401 | LC30416-003A | HEAT SINK | | |
| R1841 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | | HS1480 | LC32137-001A | HEAT SINK/AL-F/ | | |
| R1842 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | | HS1522 | LC31215-001A | HEAT SINK/FE-P/ | | |
| R1843 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | | HS1650 | GG30059-001A | HEAT SINK | | |
| R1844 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | HS1901 | LC31211-002A | HEAT SINK/AL-F/ | | |
| R1845 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | | HS1974 | CEHT11B-002QS | HEAT SINK | | |
| R1846 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | J1801 | QNN0349-001 | PIN JACK | S/V/L/R IN | |
| R1847 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | J1802 | QNN0349-002 | PIN JACK | V/L/R IN | |
| R1848 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | | J1803 | QNN0348-001 | PIN JACK | L/R IN | |
| R1849 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | | J1804 | QNN0349-001 | PIN JACK | V/L/R OUT | |
| R1880 | NRSA63J-202X | MG RESISTOR | 2kΩ 1/16W J | | K1705 | QQR1214-001Y | FERRITE BEADS | | |
| R1881 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | K1706 | QQR1113-001Z | FERRITE BEADS | | |
| R1882 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | | K1901 | QQR1214-001Y | FERRITE BEADS | | |
| R1883 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | | K1902 | QQR1214-001Y | FERRITE BEADS | | |
| R1902 | QRF154K-2R2 | UNF WW RESISTOR | 2.2Ω 15W K | | K1903 | QQR1214-001Y | FERRITE BEADS | | |
| R1903 | QRL039J-393 | OMF RESISTOR | 39kΩ 3W J | | K1904 | QQR1113-001Z | FERRITE BEADS | | |
| R1904 | QRE121J-221Y | C RESISTOR | 220Ω 1/2W J | | K1905 | QQR1113-001Z | FERRITE BEADS | | |
| R1905 | QRM034J-R10 | MP RESISTOR | 0.1Ω 3W J | | K1951 | QQR1214-001Y | FERRITE BEADS | | |
| R1906 | QRE141J-1R5Y | C RESISTOR | 1.5Ω 1/4W J | | K1953 | QQR1214-001Y | FERRITE BEADS | | |
| R1908 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | K1954 | QQR1214-001Y | FERRITE BEADS | | |
| R1911 | QRE121J-152Y | C RESISTOR | 1.5kΩ 1/2W J | | K1955 | QQR1214-001Y | FERRITE BEADS | | |
| R1912 | QRE121J-123Y | C RESISTOR | 12kΩ 1/2W J | | △LF1901 | QQR1356-001 | LINE FILTER | | |
| △R1913 | QRZ9017-100 | FUSI RESISTOR | 10Ω 1/4W J | | △RY1901 | QSK0061-001 | RELAY | | |
| R1914 | QRL039J-473 | OMF RESISTOR | 47kΩ 3W J | | SF1101 | QAX0325-001 | SAW FILTER | | |
| R1915 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | | SF1102 | QAX0731-001 | SAW FILTER | | |
| R1916 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | | △TH1901 | QAD0145-2R3 | POSISTOR | 2.3Ω | |
| R1917 | QRE121J-223Y | C RESISTOR | 22kΩ 1/2W J | | TU1001 | QAU0185-005 | TUNER | | |
| R1952 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | X1701 | QAX0737-001 | CRYSTAL | 12.000MHz | |
| R1953 | QRE121J-152Y | C RESISTOR | 1.5kΩ 1/2W J | | | | | | |
| R1954 | QRE121J-150Y | C RESISTOR | 15Ω 1/2W J | | | | | | |
| R1955 | QRG01GJ-330 | OMF RESISTOR | 33Ω 1W J | | | | | | |
| R1956 | QRE121J-120Y | C RESISTOR | 12Ω 1/2W J | | | | | | |
| R1957 | QRE121J-5R6Y | C RESISTOR | 5.6Ω 1/2W J | | | | | | |
| R1958 | QRL039J-820 | OMF RESISTOR | 82Ω 3W J | | | | | | |
| R1959 | QRE121J-820Y | C RESISTOR | 82Ω 1/2W J | | | | | | |
| R1960 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | | | | | |
| R1961 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J | | | | | | |
| R1962 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | | | | | | |
| R1963 | QRE121J-332Y | C RESISTOR | 3.3kΩ 1/2W J | | | | | | |
| R1964 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | | | | | |
| R1965 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | | | | | | |
| R1966 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | | | | | | |
| R1967 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | | | | | | |
| R1968 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | | | | | | |
| R1969 | QRT029J-1R5 | MF RESISTOR | 1.5Ω 2W J | | | | | | |
| R1970 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | | | | | | |
| R1971 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | | | | | | |
| R1972 | QRE121J-182Y | C RESISTOR | 1.8kΩ 1/2W J | | | | | | |
| R1973 | QRE121J-332Y | C RESISTOR | 3.3kΩ 1/2W J | | | | | | |
| R1974 | QRT029J-1R2 | MF RESISTOR | 1.2Ω 2W J | | | | | | |
| △R1991 | QRZ0057-825 | C RESISTOR | 8.2MΩ 1W J | | | | | | |
| L1001 | QQL244K-8R2Z | PEAKING COIL | 8.2uH K | | | | | | |
| L1002 | QQL244K-8R2Z | PEAKING COIL | 8.2uH K | | | | | | |
| L1101 | QQLZ014-R82 | COIL | 0.82uH 100mA L | | | | | | |
| L1102 | QQL244K-180Z | PEAKING COIL | 18uH K | | | | | | |

CRT SOCKET P.W. BOARD ASS'Y (SCH-3603A-H2)

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|-----------------|----------------|-------------|-------|
| Q3101 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3102 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3103 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3104 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3105 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3106 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3121 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3122 | 2SA933AS/QR/-T | TRANSISTOR | | |
| Q3123 | 2SC4075/DE/YA11 | POW TRANSISTOR | | |
| Q3124 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3125 | 2SC4075/DE/YA11 | POW TRANSISTOR | | |
| Q3126 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3127 | 2SC4075/DE/YA11 | POW TRANSISTOR | | |
| Q3128 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3129 | 2SC3334-T | SI TRANSISTOR | | |
| Q3130 | 2SA1321-T | SI TRANSISTOR | | |
| Q3131 | 2SC3334-T | SI TRANSISTOR | | |
| Q3132 | 2SA1321-T | SI TRANSISTOR | | |
| Q3133 | 2SC3334-T | SI TRANSISTOR | | |

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|----------------|------------------|-------------------|----------|--------------|----------------|-------------------|
| Q3134 | 2SA1321-T | SI TRANSISTOR | | R3103 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| Q3135 | 2SB709A/QR/-X | TRANSISTOR | | R3104 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| Q3204 | 2SC1740S/QR/-T | TRANSISTOR | | R3105 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| Q3205 | 2SC1740S/QR/-T | TRANSISTOR | | R3106 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J |
| Q3206 | 2SA933AS/QR/-T | TRANSISTOR | | R3107 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| Q3209 | 2SA1837 | POW TRANSISTOR | | R3108 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| Q3210 | 2SC4793 | POW TRANSISTOR | | R3109 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |
| Q3251 | 2SB709A/QR/-X | TRANSISTOR | | R3110 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| Q3252 | 2SD601A/QR/-X | TRANSISTOR | | R3111 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| Q3253 | 2SB709A/QR/-X | TRANSISTOR | | R3112 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| Q3261 | 2SB709A/QR/-X | TRANSISTOR | | R3113 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J |
| Q3262 | 2SB709A/QR/-X | TRANSISTOR | | R3120 | QRE121J-101Y | C RESISTOR | 100Ω 1/2W J |
| Q3263 | 2SB709A/QR/-X | TRANSISTOR | | R3121 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| Q3264 | 2SD601A/QR/-X | TRANSISTOR | | R3122 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| Q3265 | 2SD601A/QR/-X | TRANSISTOR | | R3123 | QRE121J-152Y | C RESISTOR | 1.5kΩ 1/2W J |
| Q3266 | 2SD601A/QR/-X | TRANSISTOR | | R3124 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| D3107 | MA111-X | SI DIODE | | R3125 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| D3108 | MA3075/H/-X | CHIP ZENER DIODE | | R3126 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| D3109 | MA3051/H/-X | Z DIODE | | R3127 | QRE121J-152Y | C RESISTOR | 1.5kΩ 1/2W J |
| D3110 | MA111-X | SI DIODE | | R3128 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| D3111 | MA3051/H/-X | Z DIODE | | R3129 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| D3112 | MA111-X | SI DIODE | | R3130 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| D3113 | MA3051/H/-X | Z DIODE | | R3131 | QRE121J-152Y | C RESISTOR | 1.5kΩ 1/2W J |
| D3114 | MA111-X | SI DIODE | | R3132 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| D3118 | 1SS244-T2 | SI DIODE | | R3133 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| D3119 | 1SS244-T2 | SI DIODE | | R3136 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| D3120 | 1SS244-T2 | SI DIODE | | R3137 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| D3121 | 1SS244-T2 | SI DIODE | | R3138 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3122 | 1SS244-T2 | SI DIODE | | R3139 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3123 | 1SS244-T2 | SI DIODE | | R3140 | QRZ0107-102Z | C RESISTOR | 1kΩ 1/2W K |
| D3124 | 1N4003-T2 | SI DIODE | | R3141 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3125 | 1N4003-T2 | SI DIODE | | R3143 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3126 | 1N4003-T2 | SI DIODE | | R3144 | QRZ0107-102Z | C RESISTOR | 1kΩ 1/2W K |
| D3127 | MA111-X | SI DIODE | | R3145 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3131 | MTZJ75-T2 | Z DIODE | | R3146 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3132 | MA3043-X | CHIP ZENER DIODE | | R3147 | QRZ0107-102Z | C RESISTOR | 1kΩ 1/2W K |
| D3134 | 1SS244-T2 | SI DIODE | | R3148 | QRE121J-124Y | C RESISTOR | 120kΩ 1/2W J |
| D3136 | MA111-X | SI DIODE | | R3149 | QRE121J-102Y | C RESISTOR | 1kΩ 1/2W J |
| D3138 | MA111-X | SI DIODE | | R3151 | QRE121J-124Y | C RESISTOR | 120kΩ 1/2W J |
| D3141 | MTZJ30A-T2 | Z DIODE | | R3152 | QRE121J-102Y | C RESISTOR | 1kΩ 1/2W J |
| D3142 | MTZJ30A-T2 | Z DIODE | | R3153 | QRE121J-124Y | C RESISTOR | 120kΩ 1/2W J |
| D3143 | MTZJ30A-T2 | Z DIODE | | R3154 | QRE121J-102Y | C RESISTOR | 1kΩ 1/2W J |
| D3201 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | R3155 | QRE121J-474Y | C RESISTOR | 470kΩ 1/2W J |
| D3202 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | R3157 | QRZ0107-474Z | C RESISTOR | 470kΩ 1/2W K |
| D3203 | RGP10J-5025-T3 | SI DIODE | | R3159 | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J |
| D3204 | RGP10J-5025-T3 | SI DIODE | | R3161 | QRE121J-333Y | C RESISTOR | 33kΩ 1/2W J |
| C3101 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M | R3164 | QRE121J-560Y | C RESISTOR | 56Ω 1/2W J |
| C3107 | QETM2EM-106 | E CAPACITOR | 10uF 250V M | R3166 | QRE121J-333Y | C RESISTOR | 33kΩ 1/2W J |
| C3108 | QETM2EM-476 | E CAPACITOR | 47uF 250V M | R3167 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| C3110 | QCZ0364-681 | C CAPACITOR | 680pF 2kV K | R3168 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| C3114 | QCS31HJ-151Z | C CAPACITOR | 150pF 50V J | R3170 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| C3115 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M | R3171 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| C3116 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | R3172 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C3117 | NCB31HK-471X | C CAPACITOR | 470pF 50V K | R3173 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C3118 | NCB31HK-471X | C CAPACITOR | 470pF 50V K | R3174 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C3119 | QFLC1HJ-104Z | M CAPACITOR | 0.1uF 50V J | R3211 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C3120 | QETN1HM-105Z | E CAPACITOR | 1uF 50V M | R3212 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| C3121 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | R3213 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| C3204 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | R3214 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| C3205 | QETN1HM-335Z | E CAPACITOR | 3.3uF 50V M | R3215 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J |
| C3206 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | R3216 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| C3207 | QCS31HJ-5R0Z | C CAPACITOR | 5pF 50V J | △R3217 | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J |
| C3209 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | R3221 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| C3211 | NDC31HJ-391X | C CAPACITOR | 390pF 50V J | R3222 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| C3212 | QCB32HK-472Z | C CAPACITOR | 4700pF 500V K | R3224 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J |
| C3213 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | R3225 | QRE121J-563Y | C RESISTOR | 56kΩ 1/2W J |
| C3214 | QETN2CM-106Z | E CAPACITOR | 10uF 160V M | R3226 | QRE121J-563Y | C RESISTOR | 56kΩ 1/2W J |
| C3215 | QCB32HK-472Z | C CAPACITOR | 4700pF 500V K | R3227 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J |
| C3216 | QETN2CM-106Z | E CAPACITOR | 10uF 160V M | R3228 | NRSA63J-390X | MG RESISTOR | 39Ω 1/16W J |
| C3217 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | R3229 | QRE121J-2R7Y | C RESISTOR | 2.7Ω 1/2W J |
| C3218 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | R3230 | QRE121J-2R7Y | C RESISTOR | 2.7Ω 1/2W J |
| C3219 | QETN1AM-337Z | E CAPACITOR | 330uF 10V M | R3231 | NRSA63J-390X | MG RESISTOR | 39Ω 1/16W J |
| C3220 | QCS32HJ-680Z | C CAPACITOR | 68pF 500V J | R3232 | QRE121J-121Y | C RESISTOR | 120Ω 1/2W J |
| C3251 | QENC1HM-105Z | BP E CAPACITOR | 1uF 50V M | R3233 | QRL029J-391 | OMF RESISTOR | 390Ω 2W J |
| C3252 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | R3251 | NDC31HJ-331X | C CAPACITOR | 330pF 50V J |
| C3253 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | R3252 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| C3255 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | R3253 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| C3261 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | R3254 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J |
| C3262 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | R3255 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J |
| C3263 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | R3256 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| C3264 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | R3257 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| C3265 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | R3258 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| C3266 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | R3259 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| C3267 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M | R3260 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R3101 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | R3261 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3102 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R3262 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| | | | | R3263 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| | | | | R3264 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| | | | | R3265 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|----------------|-----------------|-------------|---------|----------|----------------|-----------------|-------------|---------|
| R3266 | NRSA63J-103X | MG RESISTOR | 10kΩ | 1/16W J | R8807 | NRSA63J-181X | MG RESISTOR | 180Ω | 1/16W J |
| R3267 | NRSA63J-102X | MG RESISTOR | 1kΩ | 1/16W J | R8808 | NRSA63J-221X | MG RESISTOR | 220Ω | 1/16W J |
| R3268 | NRSA63J-222X | MG RESISTOR | 2.2kΩ | 1/16W J | R8809 | NRSA63J-331X | MG RESISTOR | 330Ω | 1/16W J |
| R3269 | NRSA63J-102X | MG RESISTOR | 1kΩ | 1/16W J | R8810 | NRSA63J-471X | MG RESISTOR | 470Ω | 1/16W J |
| R3270 | NRSA63J-103X | MG RESISTOR | 10kΩ | 1/16W J | R8811 | NRSA63J-821X | MG RESISTOR | 820Ω | 1/16W J |
| R3271 | NRSA63J-102X | MG RESISTOR | 1kΩ | 1/16W J | R8812 | NRSA63J-122X | MG RESISTOR | 1.2kΩ | 1/16W J |
| R3272 | NRSA63J-222X | MG RESISTOR | 2.2kΩ | 1/16W J | R8813 | NRSA63J-471X | MG RESISTOR | 470Ω | 1/16W J |
| R3273 | NRSA63J-102X | MG RESISTOR | 1kΩ | 1/16W J | R8815 | QRE121J-271Y | C RESISTOR | 270Ω | 1/2W J |
| R3274 | NRSA63J-103X | MG RESISTOR | 10kΩ | 1/16W J | R8816 | QRE121J-271Y | C RESISTOR | 270Ω | 1/2W J |
| R3275 | NRSA63J-102X | MG RESISTOR | 1kΩ | 1/16W J | R8817 | NRSA63J-102X | MG RESISTOR | 1kΩ | 1/16W J |
| | | | | | R8818 | NRSA63J-102X | MG RESISTOR | 1kΩ | 1/16W J |
| L3121 | QQL244J-5R6Z | COIL | 5.6uH | J | R8819 | NRSA63J-272X | MG RESISTOR | 2.7kΩ | 1/16W J |
| L3122 | QQLZ034-220 | HEATER CHOKE | 22uH | | R8826 | NRSA63J-0R0X | MG RESISTOR | 0Ω | 1/16W J |
| L3251 | QQL244K-150Z | PEAKING COIL | 15uH | K | R8830 | NRSA63J-222X | MG RESISTOR | 2.2kΩ | 1/16W J |
| | | | | | R8831 | NRSA63J-222X | MG RESISTOR | 2.2kΩ | 1/16W J |
| CN300T | QGA2501C5-06Z | CONNECTOR | W-B | (1-6) | △R8901 | QRZ0111-474 | C RESISTOR | 470kΩ | 1/2W K |
| CN300U | QJK002-063231 | SIN CR B-B WIRE | | | | | | | |
| CN30SC | QGGZ0017C1-01Z | CONNECTOR | (1-1) | | L8401 | QQL244K-820Z | PEAKING COIL | 82uH | K |
| CN30VM | QGA2501C5-03 | CONNECTOR | W-B | (1-3) | | | | | |
| DL3261 | CE41925-001 | DELAY LINE | | | CN8001 | QGF1220C2-25 | CONNECTOR | FFC/FPC | (1-25) |
| DL3262 | CE41925-001 | DELAY LINE | | | CN8002 | QJL001-123232 | SIN CL B-B WIRE | | |
| DL3263 | CE41925-001 | DELAY LINE | | | CN8003 | QGA2501C5-04Z | CONNECTOR | W-B | (1-4) |
| △FR3201 | QRZ9021-561 | FUSI RESISTOR | 560Ω | 1W J | CN800A | QJB003-035433 | SIN ID C-B WIRE | | |
| HS3123 | CEHP00N-001QS | HEAT SINK | | | CN800R | QGA2501C5-03Z | CONNECTOR | W-B | (1-3) |
| HS3125 | CEHP00N-001QS | HEAT SINK | | | CN800W | CHGH0001-AB-GS | CONNECTOR ASSY | | |
| HS3127 | CEHP00N-001QS | HEAT SINK | | | CN80PW | QGA7901C1-02 | CONNECTOR | W-B | (1-2) |
| HS3209 | CEHP00N-001QS | HEAT SINK | | | △F8901 | QMF51E2-4R0J4 | FUSE | 4A | AC250V |
| HS3210 | CEHP00N-001QS | HEAT SINK | | | J8302 | QNN0279-003 | PIN JACK | V | IN |
| K3201 | CE41492-001Z | CHOKE COIL | | | J8303 | QNN0279-002 | PIN JACK | L/MONO | IN |
| K3202 | CE41492-001Z | CHOKE COIL | | | J8304 | QNN0279-001 | PIN JACK | R | IN |
| K3203 | CE41492-001Z | CHOKE COIL | | | J8801 | QNS0155-001 | 3.5 JACK | HEADPHONE | |
| K3204 | CE41492-001Z | CHOKE COIL | | | △LF8901 | QQR1356-001 | LINE FILTER | | |
| K3205 | QQR1113-001Z | FERRITE BEADS | | | S8801 | QSW0619-003Z | TACT SWITCH | CH+ | |
| K3206 | QQR1113-001Z | FERRITE BEADS | | | S8802 | QSW0619-003Z | TACT SWITCH | CH- | |
| K3207 | QQR1113-001Z | FERRITE BEADS | | | S8803 | QSW0619-003Z | TACT SWITCH | MENU | |
| K3208 | QQR1113-001Z | FERRITE BEADS | | | S8804 | QSW0619-003Z | TACT SWITCH | TV/VIDEO | |
| △PC1901 | PC123F2 | PHOTO COUPLER | | | S8805 | QSW0619-003Z | TACT SWITCH | VOL+ | |
| SG3101 | QAF0056-501Z | SURGE ABSORBER | 500V | M | S8806 | QSW0619-003Z | TACT SWITCH | VOL- | |
| SG3102 | QAF0056-501Z | SURGE ABSORBER | 500V | M | △S8901 | QSW0750-001 | PUSH SWITCH | POWER | |
| △SK3001 | CE42670-001 | CRT SOCKET | | | △VA8901 | QAF0052-621 | VARISTOR | 620V | |

FRONT CONTROL P.W. BOARD ASS'Y (SCH-8601A-H2)

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|-----------------|-----------------|-------------|----------|
| IC8481 | LA6515 | IC | | |
| IC8801 | GP1UM281QK | IR DETECT UNIT | 38kHz | |
| Q8481 | 2SC2412K/QR/-X | TRANSISTOR | | |
| Q8801 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| D8801 | MA111-X | SI DIODE | | |
| D8802 | P1241-04 | PHOTO CONDUCTOR | | |
| D8803 | SLR-342VR-T16 | LED | POWER | |
| C8481 | NCB21EK-224X | C CAPACITOR | 0.22uF | 25V K |
| C8482 | NCB21EK-224X | C CAPACITOR | 0.22uF | 25V K |
| C8483 | NCB21EK-224X | C CAPACITOR | 0.22uF | 25V K |
| C8484 | NCB21EK-224X | C CAPACITOR | 0.22uF | 25V K |
| C8485 | QETN1EM-476Z | E CAPACITOR | 47uF | 25V M |
| C8487 | QFLC1HJ-103Z | M CAPACITOR | 0.01uF | 50V J |
| C8660 | QETM1VM-108 | E CAPACITOR | 1000uF | 35V M |
| C8661 | QETM1VM-108 | E CAPACITOR | 1000uF | 35V M |
| C8801 | QETN1HM-106Z | E CAPACITOR | 10uF | 50V M |
| C8802 | QETN1CM-107Z | E CAPACITOR | 100uF | 16V M |
| C8803 | NCB31CK-104X | C CAPACITOR | 0.1uF | 16V K |
| C8815 | QETN1CM-107Z | E CAPACITOR | 100uF | 16V M |
| △C8901 | QFZ9072-224 | MM CAPACITOR | 0.22uF | AC250V K |
| R8482 | NRSA63J-124X | MG RESISTOR | 120kΩ | 1/16W J |
| R8483 | NRSA63J-683X | MG RESISTOR | 68kΩ | 1/16W J |
| R8484 | NRSA63J-562X | MG RESISTOR | 5.6kΩ | 1/16W J |
| R8485 | NRSA63J-562X | MG RESISTOR | 5.6kΩ | 1/16W J |
| R8486 | NRSA63J-333X | MG RESISTOR | 33kΩ | 1/16W J |
| R8487 | NRSA63J-332X | MG RESISTOR | 3.3kΩ | 1/16W J |
| R8488 | NRSA63J-154X | MG RESISTOR | 150kΩ | 1/16W J |
| R8489 | NRSA63J-104X | MG RESISTOR | 100kΩ | 1/16W J |
| R8491 | NRSA63J-0R0X | MG RESISTOR | 0Ω | 1/16W J |
| R8492 | NRSA63J-0R0X | MG RESISTOR | 0Ω | 1/16W J |
| R8495 | NRSA63J-152X | MG RESISTOR | 1.5kΩ | 1/16W J |
| R8497 | NRSA63J-562X | MG RESISTOR | 5.6kΩ | 1/16W J |
| R8499 | QRE121J-561Y | C RESISTOR | 560Ω | 1/2W J |
| R8801 | NRSA63J-332X | MG RESISTOR | 3.3kΩ | 1/16W J |
| R8802 | NRSA63J-392X | MG RESISTOR | 3.9kΩ | 1/16W J |
| R8803 | NRSA63J-682X | MG RESISTOR | 6.8kΩ | 1/16W J |
| R8805 | NRSA63J-682X | MG RESISTOR | 6.8kΩ | 1/16W J |

PRINTED WIRING BOARD PARTS LIST [AV-2969TEE/sk]

MAIN P.W. BOARD ASS'Y (SCH-1602A-H2)

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|-----------------|------------------|-------------------|----------|----------------|------------------|-------------------|
| IC1130 | M52342SP | IC | (SERVICE) | D1655 | MA111-X | SI DIODE | |
| IC1301 | TDA9181T/N1-X | IC | | D1657 | MA111-X | SI DIODE | |
| IC1401 | LA78041 | IC | | D1701 | MA111-X | SI DIODE | |
| IC1461 | JLC1562BF-X | IC | | D1702 | MA3020-X | CHIP ZENER DIODE | |
| IC1480 | UPC358G2-XE | IC | | D1703 | MA3036-X | CHIP ZENER DIODE | |
| IC1602 | NJW1136GL1-W | IC | | D1730 | MA111-X | SI DIODE | |
| IC1650 | AN5277 | IC | | D1731 | MA111-X | SI DIODE | |
| IC1701 | TDA9365N23S0874 | IC | | D1732 | MA111-X | SI DIODE | |
| IC1702 | AT24C08-21WS3 | IC | | D1733 | MA111-X | SI DIODE | |
| IC1801 | MM1492AF | IC | | D1801 | MA3120/M-X | Z DIODE | |
| IC1901 | STR-F6256S-F7 | IC | | D1802 | MA3120/M-X | Z DIODE | |
| IC1951 | SE135N | IC | | D1901 | GSIB460 | BRIDGE DIODE | |
| IC1972 | L88M33T-X | IC | | D1902 | MTZJ33B-T2 | Z DIODE | |
| IC1973 | BA17812T | IC | | D1906 | MTZJ27B-T2 | Z DIODE | |
| IC1974 | BA51W12ST-V5 | IC | | D1907 | MTZJ33B-T2 | Z DIODE | |
| Q1101 | 2SC5083/L-P/-T | TRANSISTOR | H.OUT | D1908 | MA3200/M-X | CHIP ZENER DIODE | |
| Q1102 | UN2212-X | DIGI TRANSISTOR | | D1909 | 1SS133-T2 | DIODE | |
| Q1104 | 2SB709A/QR/-X | TRANSISTOR | | D1911 | RGP10J-5025-T3 | SI DIODE | |
| Q1105 | 2SD601A/QR/-X | TRANSISTOR | | D1912 | RGP10J-5025-T3 | SI DIODE | |
| Q1106 | 2SB709A/QR/-X | TRANSISTOR | | D1913 | RGP10M-5010-T3 | SI DIODE | |
| Q1107 | UN2212-X | DIGI TRANSISTOR | | D1914 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| Q1108 | 2SD601A/QR/-X | TRANSISTOR | | D1915 | MTZJ39B-T2 | Z DIODE | |
| Q1109 | UN2212-X | DIGI TRANSISTOR | | D1916 | MTZJ15B-T2 | Z DIODE | |
| Q1110 | UN2212-X | DIGI TRANSISTOR | | D1917 | 1SS133-T2 | DIODE | |
| Q1130 | 2SB709A/QR/-X | TRANSISTOR | | D1919 | 1SS133-T2 | DIODE | |
| Q1131 | UN2212-X | DIGI TRANSISTOR | | D1920 | MTZJ15B-T2 | Z DIODE | |
| Q1132 | 2SD601A/QR/-X | TRANSISTOR | | D1950 | RGP10J-5025-T3 | SI DIODE | |
| Q1133 | 2SB709A/QR/-X | TRANSISTOR | | D1952 | ERC30-02L38 | SI DIODE | |
| Q1134 | UN2212-X | DIGI TRANSISTOR | | D1953 | RGP10J-5025-T3 | SI DIODE | |
| Q1135 | UN2212-X | DIGI TRANSISTOR | | D1954 | RU30A-F1 | SI DIODE | |
| Q1136 | 2SD601A/QR/-X | TRANSISTOR | | D1955 | 1SR35-400A-T2 | SI DIODE | |
| Q1137 | 2SD601A/QR/-X | TRANSISTOR | H.OUT | D1956 | 31DF6N-FC5 | FR DIODE | |
| Q1138 | UN2212-X | DIGI TRANSISTOR | | D1958 | MTZJ5.1A-T2 | Z DIODE | |
| Q1301 | 2SB709A/QR/-X | TRANSISTOR | | D1960 | MA111-X | SI DIODE | |
| Q1302 | 2SB709A/QR/-X | TRANSISTOR | | D1964 | MA3330/L-X | Z DIODE | |
| Q1303 | UN2212-X | DIGI TRANSISTOR | | D1966 | MA3047/L-X | CHIP ZENER DIODE | |
| Q1304 | 2SD601A/QR/-X | TRANSISTOR | | D1968 | MA111-X | SI DIODE | |
| Q1480 | 2SD1408/OY/-LB | POW TRANSISTOR | | D1969 | MA111-X | SI DIODE | |
| Q1521 | 2SC2655/Y/-T | TRANSISTOR | | D1970 | MTZJ9.1B-T2 | Z DIODE | |
| △Q1522 | 2SD2634-YD | TRANSISTOR | | D1971 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| Q1591 | 2SA1208/ST/Z1-T | TRANSISTOR | | C1001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1592 | UN2212-X | DIGI TRANSISTOR | | C1002 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| Q1660 | 2SD601A/QR/-X | TRANSISTOR | | C1003 | QFV71HJ-104Z | MF CAPACITOR | 0.1uF 50V J |
| Q1661 | 2SD601A/QR/-X | TRANSISTOR | | C1004 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M |
| Q1683 | 2SB709A/QR/-X | TRANSISTOR | | C1005 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| Q1684 | 2SB709A/QR/-X | TRANSISTOR | | C1006 | QETN1CM-336Z | E CAPACITOR | 33uF 16V M |
| Q1685 | DTC323TK-X | DIGI TRANSISTOR | | C1007 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1686 | DTC323TK-X | DIGI TRANSISTOR | | C1101 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1701 | 2SB709A/QR/-X | TRANSISTOR | | C1102 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1702 | 2SB709A/QR/-X | TRANSISTOR | | C1103 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1720 | 2SB709A/QR/-X | TRANSISTOR | | C1104 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1801 | DTC323TK-X | DIGI TRANSISTOR | | C1105 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| Q1802 | DTC323TK-X | DIGI TRANSISTOR | | C1106 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| Q1803 | 2SB709A/QR/-X | TRANSISTOR | | C1107 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1804 | 2SC1740S/QR/-T | TRANSISTOR | | C1109 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| Q1860 | 2SD601A/QR/-X | TRANSISTOR | | C1130 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1861 | 2SB709A/QR/-X | TRANSISTOR | | C1131 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1862 | 2SB709A/QR/-X | TRANSISTOR | | C1132 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1901 | 2SC3852A | SI TRANSISTOR | | C1133 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| Q1951 | 2SA1013/RO/-T | SI TRANSISTOR | | C1134 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1952 | 2SD601A/QR/-X | TRANSISTOR | | C1135 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| Q1953 | 2SD601A/QR/-X | TRANSISTOR | | C1136 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1954 | 2SD601A/QR/-X | TRANSISTOR | | C1137 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| Q1955 | 2SD601A/QR/-X | TRANSISTOR | | C1138 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1101 | 1SS268-X | SI DIODE | H.OUT | C1139 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1301 | MTZJ5.1B-T2 | Z DIODE | | C1140 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1401 | RGP10J-5025-T3 | SI DIODE | | C1141 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1402 | MTZJ75-T2 | Z DIODE | | C1142 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1405 | 1N4003-T2 | SI DIODE | | C1143 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| D1408 | MA111-X | SI DIODE | | C1144 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K |
| D1480 | MTZJ4.3A-T2 | Z DIODE | | C1301 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| D1521 | RH3G-F1 | SI DIODE | | C1302 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| D1522 | 31DF6N-FC5 | FR DIODE | | C1304 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1523 | RGP10J-5025-T3 | SI DIODE | | C1305 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1541 | RGP10J-5025-T3 | SI DIODE | | C1306 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| D1550 | MA111-X | SI DIODE | | C1307 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| D1551 | EU2-T3 | SI DIODE | | C1308 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| D1553 | RGP10J-5025-T3 | SI DIODE | | C1315 | QFLC1HJ-473Z | M CAPACITOR | 0.047uF 50V J |
| D1554 | RGP10J-5025-T3 | SI DIODE | | C1401 | QETN1HM-336Z | E CAPACITOR | 33uF 50V M |
| D1592 | MA3075/H/-X | CHIP ZENER DIODE | | C1402 | QCB31HK-682Z | C CAPACITOR | 6800pF 50V K |
| D1652 | MA3330/L-X | Z DIODE | | C1403 | QEHR1VM-107Z | E CAPACITOR | 100uF 35V M |
| D1653 | MA3330/L-X | Z DIODE | | C1406 | QFLC2AJ-683Z | M CAPACITOR | 0.068uF 100V J |
| | | | | C1407 | QCS32HJ-560Z | C CAPACITOR | 56pF 500V J |
| | | | | C1411 | NCF21HZ-334X | C CAPACITOR | 0.33uF 50V Z |
| | | | | C1412 | NCF21HZ-334X | C CAPACITOR | 0.33uF 50V Z |

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|--------------|----------------|-------------------|----------|--------------|--------------|-------------------|
| C1413 | QFLC2AJ-563Z | M CAPACITOR | 0.056uF 100V J | C1741 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1422 | QEHQ1VM-108 | E CAPACITOR | 1000uF 35V M | C1742 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1471 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1743 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1480 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1744 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C1483 | QEZ0195-475Z | BP E CAPACITOR | 4.7uF 50V M | C1745 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K |
| C1485 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | C1747 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K |
| C1521 | QETN1VM-476Z | E CAPACITOR | 47uF 35V M | C1749 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1522 | QFLC1HJ-332Z | M CAPACITOR | 3300pF 50V J | C1751 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1523 | QFLC1HJ-223Z | M CAPACITOR | 0.022uF 50V J | C1752 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1524 | QFZ0196-382 | MPP CAPACITOR | 3800pF 1.5kV H | C1753 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1525 | QFZ0200-143 | MPP CAPACITOR | 0.014uF 1.5kV H | C1801 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1526 | QFP32JJ-223 | PP CAPACITOR | 0.022uF 630V J | C1802 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1527 | QFZ0199-224 | MPP CAPACITOR | 0.22uF | C1803 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1528 | QFZ0199-224 | MPP CAPACITOR | 0.22uF | C1804 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1529 | QENC2AM-225Z | BP E CAPACITOR | 2.2uF 100V M | C1805 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1530 | QCB32HK-561Z | C CAPACITOR | 560pF 500V K | C1807 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1531 | QEHR1EM-108Z | E CAPACITOR | 1000uF 25V M | C1808 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1532 | QCB32HK-561Z | C CAPACITOR | 560pF 500V K | C1810 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1533 | QEHR1EM-108Z | E CAPACITOR | 1000uF 25V M | C1811 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1534 | QCB32HK-561Z | C CAPACITOR | 560pF 500V K | C1812 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1536 | QFLC1HJ-103Z | M CAPACITOR | 0.01uF 50V J | C1813 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1540 | QFV71HJ-104Z | MF CAPACITOR | 0.1uF 50V J | C1814 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1541 | QETN2EM-106Z | E CAPACITOR | 10uF 250V M | C1815 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1550 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | C1817 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1561 | QFVM2AJ-154Z | MF CAPACITOR | 0.15uF 100V J | C1819 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1566 | QFZ0196-113 | MPP CAPACITOR | 0.011uF 1.5kV H | C1820 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1591 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | C1821 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C1592 | QETM2CM-227 | E CAPACITOR | 220uF 160V M | C1822 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M |
| C1593 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M | C1823 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1625 | NCF21EZ-474X | C CAPACITOR | 0.47uF 25V Z | C1824 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1626 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K | C1825 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1627 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K | C1826 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1628 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | C1827 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1629 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | C1829 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1630 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1830 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1631 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1831 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1632 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1833 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M |
| C1633 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1834 | NDC31HJ-181X | C CAPACITOR | 180pF 50V J |
| C1634 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1902 | QFZ9072-104 | MM CAPACITOR | 0.1uF AC250V K |
| C1635 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1903 | QCZ9015-102Z | C CAPACITOR | 1000pF AC250V Z |
| C1636 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1904 | QCZ9015-102Z | C CAPACITOR | 1000pF AC250V Z |
| C1637 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | △C1905 | QCZ9015-102Z | C CAPACITOR | 1000pF AC250V Z |
| C1638 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1907 | QEZ0633-337 | E CAPACITOR | 330uF |
| C1639 | QETN1HM-107Z | E CAPACITOR | 100uF 50V M | C1909 | QCZ0325-102 | C CAPACITOR | 1000pF 2kV K |
| C1640 | NCF21HZ-334X | C CAPACITOR | 0.33uF 50V Z | C1910 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C1641 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | C1911 | QETN1VM-107Z | E CAPACITOR | 100uF 35V M |
| C1643 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1913 | QFLC1HJ-683Z | M CAPACITOR | 0.068uF 50V J |
| C1644 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | C1915 | QCB32HK-222Z | C CAPACITOR | 2200pF 500V K |
| C1645 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1916 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M |
| C1646 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | C1917 | QCB32HK-181Z | C CAPACITOR | 180pF 500V K |
| C1647 | NCF21EZ-474X | C CAPACITOR | 0.47uF 25V Z | C1918 | QCB32HK-103 | C CAPACITOR | 0.01uF 500V K |
| C1648 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | C1919 | QCZ0325-391 | C CAPACITOR | 390pF 2kV K |
| C1649 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | C1920 | QCZ0122-471 | C CAPACITOR | 470pF 2kV K |
| C1650 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | C1921 | QFN31HJ-473Z | M CAPACITOR | 0.047uF 50V J |
| C1651 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | C1922 | QETN2AM-226Z | E CAPACITOR | 22uF 100V M |
| C1652 | QETN1HM-105Z | E CAPACITOR | 1uF 50V M | C1952 | QCB32HK-471Z | C CAPACITOR | 470pF 500V K |
| C1653 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1953 | QEHQ1VM-228 | E CAPACITOR | 2200uF 35V M |
| C1654 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1955 | QCB32HK-471Z | C CAPACITOR | 470pF 500V K |
| C1655 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1956 | QETN1VM-107Z | E CAPACITOR | 100uF 35V M |
| C1656 | NCF21HZ-224X | C CAPACITOR | 0.22uF 50V Z | C1957 | QCB31HK-471Z | C CAPACITOR | 470pF 50V K |
| C1662 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1958 | QEHR1CM-108Z | E CAPACITOR | 1000uF 16V M |
| C1681 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M | C1959 | QCZ0364-561 | C CAPACITOR | 560pF 2kV K |
| C1682 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M | C1960 | QEZ0203-227 | E CAPACITOR | 220uF 160V M |
| C1683 | QETN1CM-336Z | E CAPACITOR | 33uF 16V M | C1961 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M |
| C1684 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1962 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M |
| C1702 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | C1963 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M |
| C1703 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | C1964 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| C1704 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | C1965 | QETN1VM-476Z | E CAPACITOR | 47uF 35V M |
| C1706 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1966 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1707 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | C1968 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1709 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M | C1970 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1710 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1972 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| C1711 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | C1974 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1712 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M | C1975 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M |
| C1713 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | C1977 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M |
| C1720 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M | C1978 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K |
| C1725 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | C1980 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M |
| C1729 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M | C1981 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C1730 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1982 | QETN1CM-476Z | E CAPACITOR | 47uF 16V M |
| C1731 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | C1983 | QETN1CM-227Z | E CAPACITOR | 220uF 16V M |
| C1732 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | △C1991 | QCZ9079-102 | C CAPACITOR | 1000pF AC250V M |
| C1733 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | △C1992 | QCZ9079-102 | C CAPACITOR | 1000pF AC250V M |
| C1734 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | △C1993 | QCZ9079-102 | C CAPACITOR | 1000pF AC250V M |
| C1735 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | | | | |
| C1736 | QETN1HM-105Z | E CAPACITOR | 1uF 50V M | R1001 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| C1737 | QETN1HM-105Z | E CAPACITOR | 1uF 50V M | R1002 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| C1738 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | R1003 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J |
| C1739 | NFV41CJ-104X | MPPS CAPACITOR | 0.1uF 16V J | R1004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| C1740 | QETN1HM-225Z | E CAPACITOR | 2.2uF 50V M | R1005 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|--------------|---------------|-------------------|----------|---------------|---------------|-------------------|
| R1006 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | R1543 | QRE121J-471Y | C RESISTOR | 470Ω 1/2W J |
| R1101 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | R1545 | QRE121J-220Y | C RESISTOR | 22Ω 1/2W J |
| R1102 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | R1546 | QRE121J-822Y | C RESISTOR | 8.2kΩ 1/2W J |
| R1103 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | △R1547 | QRZ9011-4R7 | FUSI RESISTOR | 4.7Ω 1/2W J |
| R1104 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | R1561 | QRL029J-220 | OMF RESISTOR | 22Ω 2W J |
| R1105 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | R1562 | QRE121J-123Y | C RESISTOR | 12kΩ 1/2W J |
| R1106 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1563 | QRZ0056-103Z | COMP RESISTOR | 10kΩ 1/2W K |
| R1107 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1591 | QRA14CF-1202Y | CMF RESISTOR | 12kΩ 1/4W F |
| R1108 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1592 | QRZ0225-2R2 | UNF RESISTOR | 2.2Ω 7W K |
| R1109 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1593 | NRSA02F-332X | MG RESISTOR | 3.3kΩ 1/10W F |
| R1111 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1594 | QRE121J-183Y | C RESISTOR | 18kΩ 1/2W J |
| R1113 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1595 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R1114 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1621 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1115 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1622 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1623 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1130 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1624 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1131 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1625 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1132 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1626 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1133 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | R1627 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1134 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | R1628 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1135 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | R1629 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1136 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1630 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1137 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1650 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1138 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1651 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1139 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1652 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1140 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | R1653 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1141 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | R1654 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1142 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | R1655 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1143 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1656 | QRE121J-2R2Y | C RESISTOR | 2.2Ω 1/2W J |
| R1144 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | R1657 | QRE121J-2R2Y | C RESISTOR | 2.2Ω 1/2W J |
| R1145 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | R1660 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1146 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1661 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J |
| R1147 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1662 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R1148 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | R1663 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1149 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1664 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R1155 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | R1688 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R1301 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1690 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1302 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1691 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1303 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1695 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R1304 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1696 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1305 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | R1701 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1306 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1702 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1307 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | R1703 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1308 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1704 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1309 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | R1705 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1310 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | R1706 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1311 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | R1707 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1317 | QRL029J-101 | OMF RESISTOR | 100Ω 2W J | R1708 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1401 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | R1709 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1403 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | R1710 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1405 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | R1711 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1406 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1712 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1408 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | R1713 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1410 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | R1714 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1411 | QRG01GJ-221 | OMF RESISTOR | 220Ω 1W J | R1715 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1412 | QRE121J-1R0Y | C RESISTOR | 1Ω 1/2W J | R1716 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1413 | QRX01GJ-1R2 | MF RESISTOR | 1.2Ω 1W J | R1717 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1414 | QRE121J-2R2Y | C RESISTOR | 2.2Ω 1/2W J | R1718 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1415 | QRE121J-120Y | C RESISTOR | 12Ω 1/2W J | R1719 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1416 | QRE141J-225Y | C RESISTOR | 2.2MΩ 1/4W J | R1720 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1425 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | R1721 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1478 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1722 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1479 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1723 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1480 | QRE121J-681Y | C RESISTOR | 680Ω 1/2W J | R1724 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1481 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | R1725 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1482 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1726 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1483 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | R1727 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1484 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1728 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1485 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | R1730 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J |
| R1486 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | R1731 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1487 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | R1732 | NRSA02F-393X | MG RESISTOR | 39kΩ 1/10W F |
| R1489 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | R1733 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R1490 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1734 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J |
| R1491 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | R1735 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R1492 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | R1736 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R1493 | QRE121J-223Y | C RESISTOR | 22kΩ 1/2W J | R1737 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J |
| R1494 | QRL039J-330 | OMF RESISTOR | 33Ω 3W J | R1738 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1521 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | R1739 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1522 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | R1740 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1523 | QRL039J-151 | OMF RESISTOR | 150Ω 3W J | R1741 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1524 | QRL039J-151 | OMF RESISTOR | 150Ω 3W J | R1742 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1526 | QRL029J-271 | OMF RESISTOR | 270Ω 2W J | R1744 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1527 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | R1745 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J |
| △R1528 | QRZ9021-1R0 | FUSI RESISTOR | 1Ω 1W J | R1746 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| △R1529 | QRZ9021-1R0 | FUSI RESISTOR | 1Ω 1W J | R1747 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1531 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | R1748 | NRSA02J-225X | MG RESISTOR | 2.2MΩ 1/10W J |
| △R1532 | QRZ9017-4R7 | FUSI RESISTOR | 4.7Ω 1/4W J | R1749 | NRSA02J-185X | MG RESISTOR | 1.8MΩ 1/10W J |
| R1541 | QRE121J-124Y | C RESISTOR | 120kΩ 1/2W J | R1750 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1542 | QRE121J-124Y | C RESISTOR | 120kΩ 1/2W J | R1755 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|--------------|-----------------|----------------|-------|----------|---------------|-----------------|----------------|-------|
| R1756 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | L1301 | QQL244K-221Z | PEAKING COIL | 220uH K | |
| R1757 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | L1401 | QQL26AK-220Z | CHOKE COIL | 22uH K | |
| R1758 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | L1480 | QQR1138-001 | CHOKE COIL | | |
| R1790 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | | L1523 | QQR1243-001 | LINEARITY COIL | | |
| R1803 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | | L1541 | QQL244K-220Z | PEAKING COIL | 22uH K | |
| R1804 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1561 | QQL2028-272 | COIL | 2.7mH | |
| R1805 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1701 | QQL244K-100Z | PEAKING COIL | 10uH K | |
| R1806 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1702 | QQL244K-100Z | PEAKING COIL | 10uH K | |
| R1807 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | L1731 | QQL244J-101Z | PEAKING COIL | 100uH J | |
| R1808 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | | L1951 | QQL2034-460 | HEATER CHOKE | 46uH | |
| R1809 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | L1953 | QQL244J-5R6Z | COIL | 5.6uH J | |
| R1810 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | | L1954 | QQL26AK-820Z | CHOKE COIL | 82uH K | |
| R1811 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | △T1521 | QQR1229-001 | DRIVE TRANSF | | |
| R1812 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | | T1561 | QQR1153-001 | DAF TRANSF | | |
| R1813 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | △T1901 | QQS0110-001 | SW TRANSF | | |
| R1815 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CF1103 | QAX0639-001Z | C TRAP | 4.500MHz | |
| R1818 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CF1130 | QAX0642-001Z | C FILTER | 4.500MHz | |
| R1820 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CF1140 | QAX0695-001Z | C FILTER | 5.500MHz | |
| R1821 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CF1141 | QAX0696-001Z | C FILTER | 6.000MHz | |
| R1823 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CF1142 | QAX0697-001Z | C FILTER | 6.500MHz | |
| R1824 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CN1001 | QGF1220C2-25 | CONNECTOR | FFC/FPC (1-25) | |
| R1826 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | CN100A | QGA2501C5-03Z | CONNECTOR | W-B (1-3) | |
| R1829 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | CN100C | QGA2501C5-06Z | CONNECTOR | W-B (1-6) | |
| R1830 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CN100D | WJQ0003-002A | E-SH C WIRE B-B | | |
| R1831 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | CN100S | QGA2501C5-05Z | CONNECTOR | W-B (1-5) | |
| R1832 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | CN100T | QJK002-063231 | SIN CR B-B WIRE | | |
| R1833 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | | CN100U | QGA2501C5-06Z | CONNECTOR | W-B (1-6) | |
| R1834 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | | CN100W | QGA7901C1-02 | CONNECTOR | W-B (1-2) | |
| R1835 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | | CN10HV | QGG25004C1-06 | CONNECTOR | (1-6) | |
| R1836 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | | CN1DEG | QGG25004C1-02 | CONNECTOR | (1-2) | |
| R1837 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | | △CP1951 | ICP-N75-Y | IC PROTECTOR | 2.7A | |
| R1838 | QRK126J-121X | UNF C RESISTOR | 120Ω 1/2W J | | △CP1952 | ICP-N38-Y | IC PROTECTOR | 1.5A | |
| R1839 | QRE121J-221Y | C RESISTOR | 220Ω 1/2W J | | △CP1953 | ICP-N38-Y | IC PROTECTOR | 1.5A | |
| R1840 | QRE121J-221Y | C RESISTOR | 220Ω 1/2W J | | HS1401 | LC30416-003A | HEAT SINK | | |
| R1841 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | | HS1480 | LC32137-001A | HEAT SINK/AL-F/ | | |
| R1842 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | | HS1522 | LC31215-001A | HEAT SINK/FE-P/ | | |
| R1843 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | | HS1650 | GG30059-001A | HEAT SINK | | |
| R1844 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | HS1901 | LC31211-002A | HEAT SINK/AL-F/ | | |
| R1845 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | | HS1974 | CEHT11B-002QS | HEAT SINK | | |
| R1846 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | J1801 | QNN0349-001 | PIN JACK | S/V/L/R IN | |
| R1847 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | J1802 | QNN0349-002 | PIN JACK | V/L/R IN | |
| R1848 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | | J1803 | QNN0348-001 | PIN JACK | L/R IN | |
| R1849 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | | J1804 | QNN0349-001 | PIN JACK | V/L/R OUT | |
| R1880 | NRSA63J-202X | MG RESISTOR | 2kΩ 1/16W J | | K1705 | QQR1214-001Y | FERRITE BEADS | | |
| R1881 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | K1706 | QQR1113-001Z | FERRITE BEADS | | |
| R1882 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | | K1901 | QQR1214-001Y | FERRITE BEADS | | |
| R1883 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | | K1902 | QQR1214-001Y | FERRITE BEADS | | |
| R1902 | QRF154K-2R2 | UNF WW RESISTOR | 2.2Ω 15W K | | K1903 | QQR1214-001Y | FERRITE BEADS | | |
| R1903 | QRL039J-393 | OMF RESISTOR | 39kΩ 3W J | | K1904 | QQR1113-001Z | FERRITE BEADS | | |
| R1904 | QRE121J-221Y | C RESISTOR | 220Ω 1/2W J | | K1905 | QQR1113-001Z | FERRITE BEADS | | |
| R1905 | QRM034J-R10 | MP RESISTOR | 0.1Ω 3W J | | K1951 | QQR1214-001Y | FERRITE BEADS | | |
| R1906 | QRE141J-1R5Y | C RESISTOR | 1.5Ω 1/4W J | | K1953 | QQR1214-001Y | FERRITE BEADS | | |
| R1908 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | K1954 | QQR1214-001Y | FERRITE BEADS | | |
| R1911 | QRE121J-152Y | C RESISTOR | 1.5kΩ 1/2W J | | K1955 | QQR1214-001Y | FERRITE BEADS | | |
| R1912 | QRE121J-123Y | C RESISTOR | 12kΩ 1/2W J | | △LF1901 | QQR1356-001 | LINE FILTER | | |
| △R1913 | QRZ9017-100 | FUSI RESISTOR | 10Ω 1/4W J | | △PC1901 | PC123F2 | PHOTO COUPLER | | |
| R1914 | QRL039J-473 | OMF RESISTOR | 47kΩ 3W J | | △RY1901 | QSK0061-001 | RELAY | | |
| R1915 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | | SF1101 | QAX0325-001 | SAW FILTER | | |
| R1916 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | | SF1102 | QAX0731-001 | SAW FILTER | | |
| R1951 | QRE121J-223Y | C RESISTOR | 22kΩ 1/2W J | | △TH1901 | QAD0145-2R3 | POSISTOR | 2.3Ω | |
| R1952 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | | TU1001 | QAU0185-005 | TUNER | | |
| R1953 | QRE121J-152Y | C RESISTOR | 1.5kΩ 1/2W J | | X1701 | QAX0737-001 | CRYSTAL | 12.000MHz | |
| R1954 | QRE121J-150Y | C RESISTOR | 15Ω 1/2W J | | | | | | |
| R1955 | QRG01GJ-330 | OMF RESISTOR | 33Ω 1W J | | | | | | |
| R1956 | QRE121J-120Y | C RESISTOR | 12Ω 1/2W J | | | | | | |
| R1957 | QRE121J-5R6Y | C RESISTOR | 5.6Ω 1/2W J | | | | | | |
| R1958 | QRL039J-820 | OMF RESISTOR | 82Ω 3W J | | | | | | |
| R1959 | QRE121J-820Y | C RESISTOR | 82Ω 1/2W J | | | | | | |
| R1960 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | | | | | | |
| R1961 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J | | | | | | |
| R1962 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | | | | | | |
| R1963 | QRE121J-332Y | C RESISTOR | 3.3kΩ 1/2W J | | | | | | |
| R1964 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | | | | | | |
| R1965 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | | | | | | |
| R1966 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | | | | | | |
| R1967 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | | | | | | |
| R1968 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | | | | | | |
| R1969 | QRT029J-1R5 | MF RESISTOR | 1.5Ω 2W J | | | | | | |
| R1970 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | | | | | | |
| R1971 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | | | | | | |
| R1972 | QRE121J-182Y | C RESISTOR | 1.8kΩ 1/2W J | | | | | | |
| R1973 | QRE121J-332Y | C RESISTOR | 3.3kΩ 1/2W J | | | | | | |
| R1974 | QRT029J-1R2 | MF RESISTOR | 1.2Ω 2W J | | | | | | |
| △R1991 | QRZ0057-825 | C RESISTOR | 8.2MΩ 1W J | | | | | | |
| L1001 | QQL244K-8R2Z | PEAKING COIL | 8.2uH K | | | | | | |
| L1002 | QQL244K-8R2Z | PEAKING COIL | 8.2uH K | | | | | | |
| L1101 | QQLZ014-R82 | COIL | 0.82uH 100mA L | | | | | | |
| L1102 | QQL244K-180Z | PEAKING COIL | 18uH K | | | | | | |

CRT SOCKET P.W. BOARD ASS'Y (SCH-3601A-H2)

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|-----------------|----------------|-------------|-------|
| Q3101 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3102 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3103 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3104 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3105 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3106 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3121 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3122 | 2SA1309A/QR/ | TRANSISTOR | | |
| Q3123 | 2SC4075/DE/YA11 | POW TRANSISTOR | | |
| Q3124 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3125 | 2SC4075/DE/YA11 | POW TRANSISTOR | | |
| Q3126 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3127 | 2SC4075/DE/YA11 | POW TRANSISTOR | | |
| Q3128 | 2SC3311A/QR/ | TRANSISTOR | | |
| Q3129 | 2SC3334-T | SI TRANSISTOR | | |
| Q3130 | 2SA1321-T | SI TRANSISTOR | | |
| Q3131 | 2SC3334-T | SI TRANSISTOR | | |
| Q3132 | 2SA1321-T | SI TRANSISTOR | | |

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|----------------|-----------------|-------------------|----------|---------------|-----------------|-------------------|
| Q3133 | 2SC3334-T | SI TRANSISTOR | | R3102 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J |
| Q3134 | 2SA1321-T | SI TRANSISTOR | | R3103 | QRE142J-153 | C RESISTOR | 15kΩ 1/4W J |
| Q3135 | 2SA1309A/QR/ | TRANSISTOR | | R3104 | QRE142J-682 | C RESISTOR | 6.8kΩ 1/4W J |
| Q3204 | 2SC3311A/QR/ | TRANSISTOR | | R3105 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J |
| Q3205 | 2SC3311A/QR/ | TRANSISTOR | | R3106 | QRE142J-272 | C RESISTOR | 2.7kΩ 1/4W J |
| Q3206 | 2SA1309A/QR/ | TRANSISTOR | | R3107 | QRE142J-682 | C RESISTOR | 6.8kΩ 1/4W J |
| Q3209 | 2SA1837 | POW TRANSISTOR | | R3108 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J |
| Q3210 | 2SC4793 | POW TRANSISTOR | | R3109 | QRE142J-562 | C RESISTOR | 5.6kΩ 1/4W J |
| Q3251 | 2SA1309A/QR/ | TRANSISTOR | | R3110 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| Q3252 | 2SC3311A/QR/ | TRANSISTOR | | R3111 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| Q3253 | 2SA1309A/QR/ | TRANSISTOR | | R3112 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| Q3261 | 2SA1309A/QR/ | TRANSISTOR | | R3113 | QRE142J-563 | C RESISTOR | 56kΩ 1/4W J |
| Q3262 | 2SA1309A/QR/ | TRANSISTOR | | R3120 | QRE122J-101 | C RESISTOR | 100Ω 1/2W J |
| Q3263 | 2SA1309A/QR/ | TRANSISTOR | | R3121 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| Q3264 | 2SC3311A/QR/ | TRANSISTOR | | R3122 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| Q3265 | 2SC3311A/QR/ | TRANSISTOR | | R3123 | QRE122J-152 | C RESISTOR | 1.5kΩ 1/2W J |
| Q3266 | 2SC3311A/QR/ | TRANSISTOR | | R3124 | QRE142J-221 | C RESISTOR | 220Ω 1/4W J |
| | | | | R3125 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| D3107 | MA165 | SI DIODE | | R3126 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| D3108 | MA4075/H/ | Z DIODE | | R3127 | QRE122J-152 | C RESISTOR | 1.5kΩ 1/2W J |
| D3109 | MA4051/H/ | Z DIODE | | R3128 | QRE142J-221 | C RESISTOR | 220Ω 1/4W J |
| D3110 | MA165 | SI DIODE | | R3129 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| D3111 | MA4051/H/ | Z DIODE | | R3130 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| D3112 | MA165 | SI DIODE | | R3131 | QRE122J-152 | C RESISTOR | 1.5kΩ 1/2W J |
| D3113 | MA4051/H/ | Z DIODE | | R3132 | QRE142J-221 | C RESISTOR | 220Ω 1/4W J |
| D3114 | MA165 | SI DIODE | | R3133 | QRE142J-470 | C RESISTOR | 47Ω 1/4W J |
| D3118 | 1SS244-T2 | SI DIODE | | R3136 | QRE142J-470 | C RESISTOR | 47Ω 1/4W J |
| D3119 | 1SS244-T2 | SI DIODE | | R3137 | QRE142J-470 | C RESISTOR | 47Ω 1/4W J |
| D3120 | 1SS244-T2 | SI DIODE | | R3138 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3121 | 1SS244-T2 | SI DIODE | | R3139 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3122 | 1SS244-T2 | SI DIODE | | R3140 | QRZ0111-102 | C RESISTOR | 1kΩ 1/2W K |
| D3123 | 1SS244-T2 | SI DIODE | | R3141 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3124 | 1N4003-T2 | SI DIODE | | R3143 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3125 | 1N4003-T2 | SI DIODE | | R3144 | QRZ0111-102 | C RESISTOR | 1kΩ 1/2W K |
| D3126 | 1N4003-T2 | SI DIODE | | R3145 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3127 | MA165 | SI DIODE | | R3146 | QRL029J-223 | OMF RESISTOR | 22kΩ 2W J |
| D3131 | MTZJ75-T2 | Z DIODE | | R3147 | QRZ0111-102 | C RESISTOR | 1kΩ 1/2W K |
| D3132 | MA4043 | Z DIODE | | R3148 | QRE122J-124 | C RESISTOR | 120kΩ 1/2W J |
| D3134 | 1SS244-T2 | SI DIODE | | R3149 | QRE122J-102 | C RESISTOR | 1kΩ 1/2W J |
| D3136 | MA165 | SI DIODE | | R3151 | QRE122J-124 | C RESISTOR | 120kΩ 1/2W J |
| D3138 | MA165 | SI DIODE | | R3152 | QRE122J-102 | C RESISTOR | 1kΩ 1/2W J |
| D3141 | MTZJ30A-T2 | Z DIODE | | R3153 | QRE122J-124 | C RESISTOR | 120kΩ 1/2W J |
| D3142 | MTZJ30A-T2 | Z DIODE | | R3154 | QRE122J-102 | C RESISTOR | 1kΩ 1/2W J |
| D3143 | MTZJ30A-T2 | Z DIODE | | R3155 | QRE122J-474 | C RESISTOR | 470kΩ 1/2W J |
| D3201 | CH41005-H-05C | FORMING BUS WIR | | R3157 | QRZ0111-474 | C RESISTOR | 470kΩ 1/2W K |
| D3202 | CH41005-H-05C | FORMING BUS WIR | | R3159 | QRE142J-184 | C RESISTOR | 180kΩ 1/4W J |
| D3203 | RGP10J-5025-T3 | SI DIODE | | R3161 | QRE122J-333 | C RESISTOR | 33kΩ 1/2W J |
| D3204 | RGP10J-5025-T3 | SI DIODE | | R3162 | CH41005-H-05C | FORMING BUS WIR | |
| | | | | R3163 | CH41005-H-05C | FORMING BUS WIR | |
| C3101 | QETM1CM-477 | E CAPACITOR | 470uF 16V M | R3164 | QRE122J-560 | C RESISTOR | 56Ω 1/2W J |
| C3107 | QETM2EM-106 | E CAPACITOR | 10uF 250V M | R3166 | QRE122J-333 | C RESISTOR | 33kΩ 1/2W J |
| C3108 | QETM2EM-476 | E CAPACITOR | 47uF 250V M | R3167 | QRE142J-222 | C RESISTOR | 2.2kΩ 1/4W J |
| C3110 | QCZ0364-681 | C CAPACITOR | 680pF 2kV K | R3168 | QRE142J-103 | C RESISTOR | 10kΩ 1/4W J |
| C3114 | QCS31HJ-151 | C CAPACITOR | 150pF 50V J | R3170 | QRE142J-332 | C RESISTOR | 3.3kΩ 1/4W J |
| C3115 | QETM1CM-476 | E CAPACITOR | 47uF 16V M | R3171 | QRE142J-681 | C RESISTOR | 680Ω 1/4W J |
| C3116 | QCS31HJ-561 | C CAPACITOR | 560pF 50V J | R3172 | CH41005-H-05C | FORMING BUS WIR | |
| C3117 | QCB31HK-471 | C CAPACITOR | 470pF 50V K | R3173 | CH41005-H-05C | FORMING BUS WIR | |
| C3118 | QCB31HK-471 | C CAPACITOR | 470pF 50V K | R3174 | CH41005-H-05C | FORMING BUS WIR | |
| C3119 | QFLB1HJ-104 | M CAPACITOR | 0.1uF 50V J | R3211 | CH41005-H-05C | FORMING BUS WIR | |
| C3120 | QETM1HM-105 | E CAPACITOR | 1uF 50V M | R3212 | QRE142J-153 | C RESISTOR | 15kΩ 1/4W J |
| C3121 | QCB31HK-102 | C CAPACITOR | 1000pF 50V K | R3213 | QRE142J-222 | C RESISTOR | 2.2kΩ 1/4W J |
| C3204 | QCS31HJ-561 | C CAPACITOR | 560pF 50V J | R3214 | QRE142J-152 | C RESISTOR | 1.5kΩ 1/4W J |
| C3205 | QETM1HM-335 | E CAPACITOR | 3.3uF 50V M | R3215 | QRE142J-680 | C RESISTOR | 68Ω 1/4W J |
| C3206 | QETM1HM-106 | E CAPACITOR | 10uF 50V M | R3216 | QRE142J-221 | C RESISTOR | 220Ω 1/4W J |
| C3207 | QCS31HJ-5R0 | C CAPACITOR | 5pF 50V J | △R3217 | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J |
| C3209 | QETM1CM-107 | E CAPACITOR | 100uF 16V M | R3221 | QRE142J-470 | C RESISTOR | 47Ω 1/4W J |
| C3211 | QCS31HJ-391 | C CAPACITOR | 390pF 50V J | R3222 | QRE142J-470 | C RESISTOR | 47Ω 1/4W J |
| C3212 | QCB32HK-472 | C CAPACITOR | 4700pF 500V K | R3224 | QRE142J-122 | C RESISTOR | 1.2kΩ 1/4W J |
| C3213 | QCS31HJ-561 | C CAPACITOR | 560pF 50V J | R3225 | QRE122J-563 | C RESISTOR | 56kΩ 1/2W J |
| C3214 | QETM2CM-106 | E CAPACITOR | 10uF 160V M | R3226 | QRE122J-563 | C RESISTOR | 56kΩ 1/2W J |
| C3215 | QCB32HK-472 | C CAPACITOR | 4700pF 500V K | R3227 | QRE142J-122 | C RESISTOR | 1.2kΩ 1/4W J |
| C3216 | QETM2CM-106 | E CAPACITOR | 10uF 160V M | R3228 | QRE142J-390 | C RESISTOR | 39Ω 1/4W J |
| C3217 | QETM1AM-107 | E CAPACITOR | 100uF 10V M | R3229 | QRE122J-2R7 | C RESISTOR | 2.7Ω 1/2W J |
| C3218 | QETM1AM-107 | E CAPACITOR | 100uF 10V M | R3230 | QRE122J-2R7 | C RESISTOR | 2.7Ω 1/2W J |
| C3219 | QETM1AM-337 | E CAPACITOR | 330uF 10V M | R3231 | QRE142J-390 | C RESISTOR | 39Ω 1/4W J |
| C3220 | QCS32HJ-680 | C CAPACITOR | 68pF 500V J | R3232 | QRE122J-121 | C RESISTOR | 120Ω 1/2W J |
| C3251 | QENB1HM-105 | BP E CAPACITOR | 1uF 50V M | R3233 | QRL029J-391 | OMF RESISTOR | 390Ω 2W J |
| C3252 | QCS31HJ-151 | C CAPACITOR | 150pF 50V J | R3251 | QCS31HJ-331 | C CAPACITOR | 330pF 50V J |
| C3253 | QDC31HJ-560 | C CAPACITOR | 56pF 50V J | R3252 | QRE142J-222 | C RESISTOR | 2.2kΩ 1/4W J |
| C3255 | QFLB1HJ-104 | M CAPACITOR | 0.1uF 50V J | R3253 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| C3261 | QDC31HJ-820 | C CAPACITOR | 82pF 50V J | R3254 | QRE142J-563 | C RESISTOR | 56kΩ 1/4W J |
| C3262 | QDC31HJ-820 | C CAPACITOR | 82pF 50V J | R3255 | QRE142J-223 | C RESISTOR | 22kΩ 1/4W J |
| C3263 | QDC31HJ-820 | C CAPACITOR | 82pF 50V J | R3256 | QRE142J-681 | C RESISTOR | 680Ω 1/4W J |
| C3264 | QETM1AM-107 | E CAPACITOR | 100uF 10V M | R3257 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J |
| C3265 | QETM1AM-107 | E CAPACITOR | 100uF 10V M | R3258 | QRE142J-182 | C RESISTOR | 1.8kΩ 1/4W J |
| C3266 | QETM1AM-107 | E CAPACITOR | 100uF 10V M | R3259 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J |
| C3267 | QETM1CM-227 | E CAPACITOR | 220uF 16V M | R3260 | QRE142J-271 | C RESISTOR | 270Ω 1/4W J |
| | | | | R3261 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| | | | | R3262 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J |
| R3101 | QRE142J-682 | C RESISTOR | 6.8kΩ 1/4W J | | | | |

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|---------------|-----------------|--------------|-------|
| R3263 | QRE142J-101 | C RESISTOR | 100Ω 1/4W J | |
| R3264 | QRE142J-222 | C RESISTOR | 2.2kΩ 1/4W J | |
| R3265 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J | |
| R3266 | QRE142J-103 | C RESISTOR | 10kΩ 1/4W J | |
| R3267 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J | |
| R3268 | QRE142J-222 | C RESISTOR | 2.2kΩ 1/4W J | |
| R3269 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J | |
| R3270 | QRE142J-103 | C RESISTOR | 10kΩ 1/4W J | |
| R3271 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J | |
| R3272 | QRE142J-222 | C RESISTOR | 2.2kΩ 1/4W J | |
| R3273 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J | |
| R3274 | QRE142J-103 | C RESISTOR | 10kΩ 1/4W J | |
| R3275 | QRE142J-102 | C RESISTOR | 1kΩ 1/4W J | |
| L3121 | QQL244J-5R6Z | COIL | 5.6uH J | |
| L3122 | QQLZ034-220 | HEATER CHOKE | 22uH | |
| L3123 | CH41005-H-05C | FORMING BUS WIR | | |
| L3124 | CH41005-H-05C | FORMING BUS WIR | | |
| L3125 | CH41005-H-05C | FORMING BUS WIR | | |
| L3251 | QQL242K-150 | PEAKING COIL | 15uH K | |
| CN300T | QGA2501C5-06 | CONNECTOR | W-B (1-6) | |
| CN300U | QJK002-063231 | SIN CR B-B WIRE | | |
| CN30VM | QGA2501C1-03 | CONNECTOR | W-B (1-3) | |
| DL3261 | CE41925-001 | DELAY LINE | | |
| DL3262 | CE41925-001 | DELAY LINE | | |
| DL3263 | CE41925-001 | DELAY LINE | | |
| △FR3201 | QRZ9021-561 | FUSI RESISTOR | 560Ω 1W J | |
| HS3123 | CEHP00N-001QS | HEAT SINK | | |
| HS3125 | CEHP00N-001QS | HEAT SINK | | |
| HS3127 | CEHP00N-001QS | HEAT SINK | | |
| HS3209 | CEHP00N-001QS | HEAT SINK | | |
| HS3210 | CEHP00N-001QS | HEAT SINK | | |
| K3201 | CE41492-001Z | CHOKE COIL | | |
| K3202 | CE41492-001Z | CHOKE COIL | | |
| K3203 | CE41492-001Z | CHOKE COIL | | |
| K3204 | CE41492-001Z | CHOKE COIL | | |
| K3205 | QQR1113-001Z | FERRITE BEADS | | |
| K3206 | QQR1113-001Z | FERRITE BEADS | | |
| K3207 | QQR1113-001Z | FERRITE BEADS | | |
| K3208 | QQR1113-001Z | FERRITE BEADS | | |
| SG3101 | QAF0056-501Z | SURGE ABSORBER | 500V M | |
| SG3102 | QAF0056-501Z | SURGE ABSORBER | 500V M | |
| SG3104 | QAF0056-501Z | SURGE ABSORBER | 500V M | |
| △SK3001 | CE42670-001 | CRT SOCKET | | |

FRONT CONTROL P.W. BOARD ASS'Y (SCH-8602A-H2)

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|-----------------|-----------------|--------------|-------|
| IC8481 | LA6515 | IC | | |
| IC8801 | GP1UM281QK | IR DETECT UNIT | 38kHz | |
| Q8481 | 2SC2412K/QR/-X | TRANSISTOR | | |
| Q8801 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| D8801 | MA111-X | SI DIODE | | |
| D8802 | P1241-04 | PHOTO CONDUCTOR | | |
| D8803 | SLR-342VR-T16 | LED | POWER | |
| C8481 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | |
| C8482 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | |
| C8483 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | |
| C8484 | NCB21EK-224X | C CAPACITOR | 0.22uF 25V K | |

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|----------------|-----------------|-----------------|-------|
| C8485 | QETN1EM-476Z | E CAPACITOR | 47uF 25V M | |
| C8487 | QFLC1HJ-103Z | M CAPACITOR | 0.01uF 50V J | |
| C8660 | QETM1VM-108 | E CAPACITOR | 1000uF 35V M | |
| C8661 | QETM1VM-108 | E CAPACITOR | 1000uF 35V M | |
| C8801 | QETN1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C8802 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C8803 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8815 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | |
| △C8901 | QFZ9072-224 | MM CAPACITOR | 0.22uF AC250V K | |
| R8482 | NRSA63J-124X | MG RESISTOR | 120kΩ 1/16W J | |
| R8483 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R8484 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R8485 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R8486 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R8487 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R8488 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R8489 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R8491 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8492 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8495 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R8497 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R8499 | QRE121J-561Y | C RESISTOR | 560Ω 1/2W J | |
| R8801 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R8802 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R8803 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R8805 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R8807 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R8808 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R8809 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R8810 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R8811 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R8812 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R8813 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R8815 | QRE121J-271Y | C RESISTOR | 270Ω 1/2W J | |
| R8816 | QRE121J-271Y | C RESISTOR | 270Ω 1/2W J | |
| R8817 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R8818 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R8819 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R8826 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8830 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R8831 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| △R8901 | QRZ0111-474 | C RESISTOR | 470kΩ 1/2W K | |
| L8401 | QQL244K-820Z | PEAKING COIL | 82uH K | |
| CN8001 | QGF1220C2-25 | CONNECTOR | FFC/FPC (1-25) | |
| CN8002 | QJL001-123232 | SIN CL B-B WIRE | | |
| CN8003 | QGA2501C5-04Z | CONNECTOR | W-B (1-4) | |
| CN800A | QJB003-035433 | SIN ID C-B WIRE | | |
| CN800R | QGA2501C5-03Z | CONNECTOR | W-B (1-3) | |
| CN800W | CHGH0001-AB-GS | CONNECTOR ASSY | | |
| CN80PW | QGA7901C1-02 | CONNECTOR | W-B (1-2) | |
| △F8901 | QMF51E2-4R0J4 | FUSE | 4A AC250V | |
| J8302 | QNN0279-003 | PIN JACK | V IN | |
| J8303 | QNN0279-002 | PIN JACK | L/MONO IN | |
| J8304 | QNN0279-001 | PIN JACK | R IN | |
| J8801 | QNS0155-001 | 3.5 JACK | HEADPHONE | |
| △LF8901 | QQR1356-001 | LINE FILTER | | |
| S8801 | QSW0619-003Z | TACT SWITCH | CH+ | |
| S8802 | QSW0619-003Z | TACT SWITCH | CH- | |
| S8803 | QSW0619-003Z | TACT SWITCH | MENU | |
| S8804 | QSW0619-003Z | TACT SWITCH | TV/VIDEO | |
| S8805 | QSW0619-003Z | TACT SWITCH | VOL+ | |
| S8806 | QSW0619-003Z | TACT SWITCH | VOL- | |
| △S8901 | QSW0750-001 | PUSH SWITCH | POWER | |
| △VA8901 | QAF0052-621 | VARIATOR | 620V | |

JVC

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(No.52062C)



Printed in Japan

WPC

JVC

SERVICE MANUAL

COLOUR TELEVISION

BASIC CHASSIS

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AV-29LS2 AV-29LX2 /A
AV-29LX2 AV-2968TEE



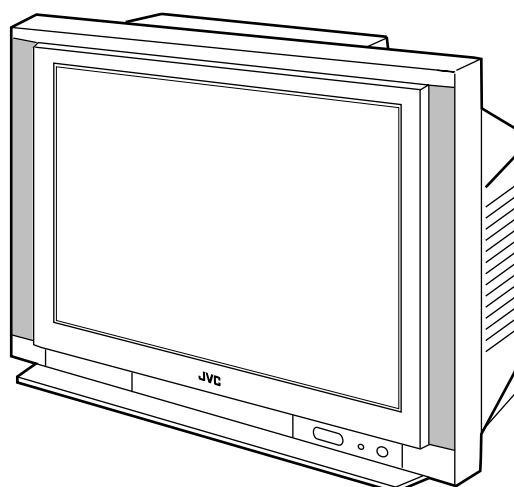
RM-C1020-1H
[AV-29LS2]



RM-C1024-1H
[AV-29LX2]
[AV-29LX2/A]



RM-C1023-1H
[AV-2968TEE]



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SPECIFICATIONS

| Items | | Contents | | | |
|---|-------------|---|---------------|-------------|------------|
| | | AV-29LS2 | AV-29LX2 | AV-29LX2/A | AV-2968TEE |
| Dimensions (W × H × D) | | 73.2cm × 58.8cm × 51.8cm | | | |
| Mass | | 47kg | | | |
| TV RF System | | B, G, I, D, K, K1, M | | | |
| Colour System | TV Mode | PAL / SECAM / NTSC3.58 / NTSC4.43 | | | |
| | VIDEO Mode | PAL / SECAM / NTSC3.58 / NTSC4.43 | | | |
| Stereo system | | A2 / NICAM (B/G, I, D/K) system | Playback only | | |
| Teletext system FLOF(Fastext), WST(World Standard Text) | | ○ | — | ○ | |
| Receiving Frequency | VHF (VL) | 46.25MHz – 140.25MHz (AS0 – S6) | | | |
| | VHF (VH) | 147.25MHz – 423.25MHz (S7 – S36) | | | |
| | UHF | 431.25MHz – 863.25MHz (S37 – CHINA 57) | | | |
| | CATV | ● Cable TVs of Mid (X-Z, S1-S10) Super (S11-S20) & Hyper (S21-S41) bands receivable | | | |
| Intermediate Frequency | VIF Carrier | 38.0MHz | | | |
| | SIF Carrier | 31.5MHz (6.5MHz) | | | |
| | | 32.0MHz (6.0MHz) | | | |
| | | 32.5MHz (5.5MHz) | | | |
| 33.5MHz (4.5MHz) | | | | | |
| Colour Sub Carrier Frequency | | PAL (4.43MHz), SECAM (4.40625MHz / 4.25MHz) NTSC (3.58MHz / 4.43MHz) | | | |
| Aerial Input Terminal | | 75Ω Unbalanced | | | |
| Power Input | | AC110 – 240V, 50 / 60Hz | | | |
| Power Consumption | | 175W (Max.) / 116W (Avg.) | | | |
| Picture Tube | | Visible size : 68cm measured diagonally | | | |
| High Voltage | | 32.0kV +1/ – 1.5kV (at cut-off in service mode) | | | |
| Speaker | | 5 × 12cm Oval type x2 | | | |
| Audio Output | | 7W + 7W | | | |
| Video / Audio Input (1 / 2 / 3) | | Video(1,3) : 1Vp-p, 75Ω (RCA pin jack) Audio(1,2,3) : 500mVrms (-4dBs), High Impedance (RCA pin jack) Component Input (Input 2) Y : 1Vp-p positive (negative sync provided, when terminated with 75Ω) Cb/CR : 0.7Vp-p 75Ω | | | |
| Video/Audio Output | | 1Vp-p, 75Ω (RCA pin jack) 500mVrms(-4dBs) Low impedance (400Hz when modulated 100%) (RCA pin jack) | | | |
| Headphone Jack | | Stereo mini jack (3.5φ) | | | |
| Remote Control Unit | | RM-C1020-1H | RM-C1024-1H | RM-C1023-1H | |
| | | (Battery size: AA/R06/UM-3 × 2) | | | |

Design & specifications are subject to change without notice.

SAFETY PRECAUTIONS

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
4. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⊕) side GND and EARTH : (⊕) side GND. Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
5. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

9. Isolation Check

(Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.

(... Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

This method of test requires a test equipment not generally found in the service trade.

(2) Leakage Current Check

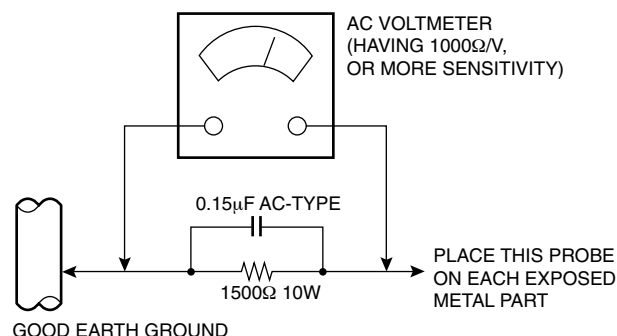
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

● Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).



However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



FEATURES

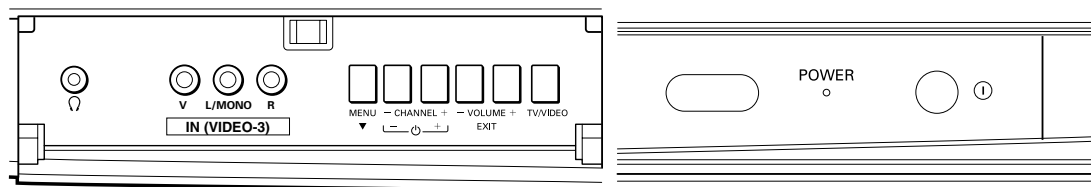
- New chassis design enables use of an interactive on-screen control.
- Pure flat CRT produces fine textured picture in every detail.
- Wide range voltage (110V ~ 240V) for AC power input.
- With AUDIO/VIDEO/COMPONENT input terminals.
- I² C bus control utilizes single chip ICs.
- By means of AUTO PROGRAM, the TV stations can be selected automatically and the TV channels can also be rearranged automatically.
- Built-in DIGITAL ECO MODE (ECONOMY, ECOLOGY).
In accordance with the brightness in a room, the brightness and/or contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
- Built-in OFF TIMER & RETURN +.

MAIN DIFFERENCE LIST

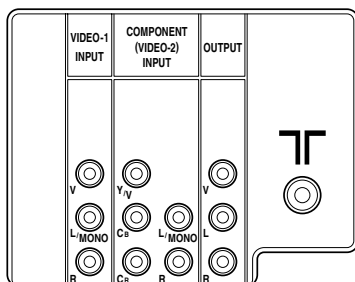
|  | MODEL No. | AV-29LS2 | AV-29LX2 | AV-29LX2/A | AV-2968TEE |
|--|---------------------|----------------|----------------|------------|----------------|
|  | Part Name | | | | |
| | MAIN PWB | SCH-1108A-H2 | SCH-1095A-H2 | ← | SCH-1104A-H2 |
| | FRONT CABINET ASS'Y | LC11193-020A-H | LC11193-018A-H | ← | LC11193-021A-H |
| | REMOTE CONTROL UNIT | RM-C1020-1H | RM-C1024-1H | ← | RM-C1023-1H |

FUNCTIONS

■ FRONT PANEL

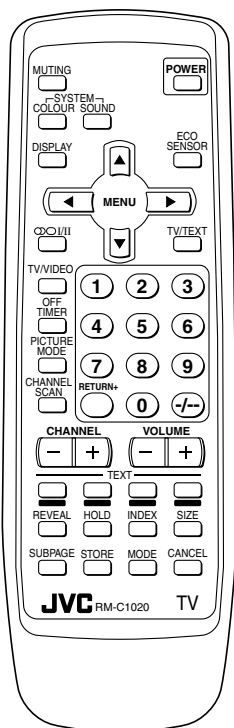


■ REAR PANEL

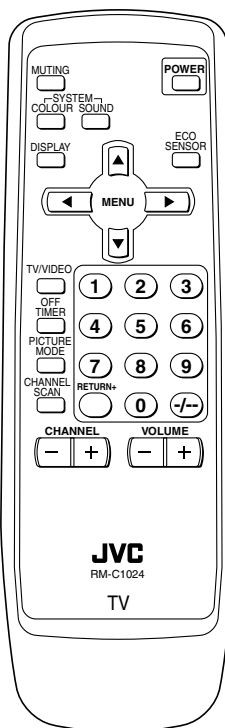


■ REMOTE CONTROL UNIT

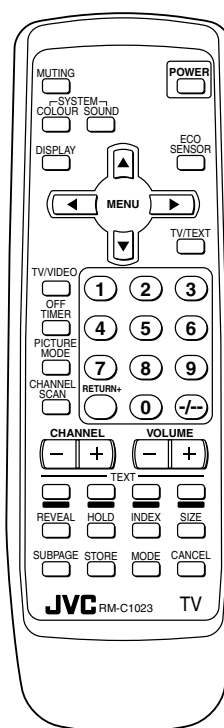
RM-C1020-1H
[AV-29LS2]



RM-C1024-1H
[AV-29LX2]
[AV-29LX2/A]



RM-C1023-1H
[AV-2968TEE]



SPECIFIC SERVICE INSTRUCTIONS

DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

1. Unplug the power supply cord.
2. Remove the 16 screws marked (A) as shown in Fig.1.
3. Withdraw the Rear cover toward you.

[CAUTION]

- When reinstalling the rear cover, carefully push it inward after inserting the Main PWB into the rear cover groove.

REMOVING THE CHASSIS (CHASSIS BASE AND CONTROL BASE)

- After removing the rear cover.
 1. Slightly raise the both sides of the chassis by hand and remove the 2 claws marked (B) under the chassis from the front cabinet as shown in Fig.1.
 2. Withdraw the chassis backward.

(If necessary, take off the wire clamp, connector's etc.)

* When conducting a check with power supplied, be sure to confirm that the CRT earth wire is connected to the CRT SOCKET PWB and the Main PWB.

CHECKING THE MAIN PW BOARD

1. To check the back side of the Main PWB.
 - 1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
 - 2) Erect the chassis vertically so that you can easily check the back side of the Main PWB.

[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the CRT earth wire and other connectors are properly connected.
- When repairing, connect the Deg. coil to the DEG. connector on the Main PWB.

WIRE CLAMPING AND CABLE TYING

1. Be sure to clamp the wire.
2. Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

REMOVING THE AV TERMINAL BOARD

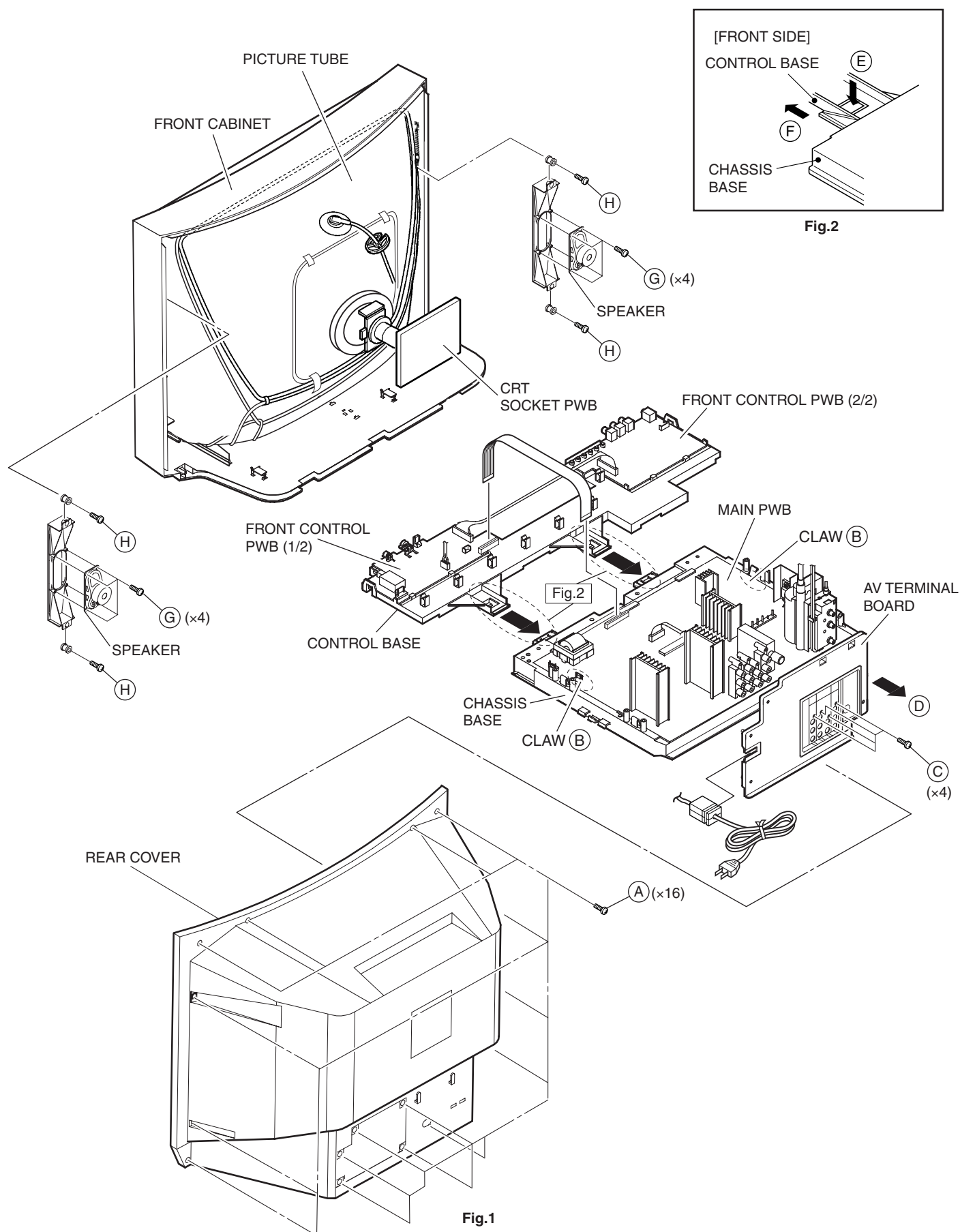
- After removing the rear cover.
 1. Remove the 4 screws marked (C) as shown in Fig.1.
 2. When you pull out the AV Terminal board in the direction of arrow marked (D) as shown in Fig.1, it can be removed.

REMOVING THE CONTROL BASE

- After removing the rear cover and the chassis.
 1. While pushing down the 2 claws marked (E) as shown in Fig. 2 and pull out the Control base in the direction of arrow marked (F) as shown in Fig. 2, the control base can be removed.(If necessary, take off the wire, connector's etc.)

REMOVING THE SPEAKER

- After removing the rear cover.
 1. Remove the 4 screws marked (G) and 2 screws marked (H) as shown in Fig.1.
 2. Withdraw the speaker backward.
 3. Follow the same steps when removing the other hand speaker.



REMOVING THE CRT

* Replacement of the CRT should be performed by 2 or more persons.

- After removing the rear cover, chassis etc.,
 - 1. Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig. 3).
 - 2. While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig. 4.
 - 3. Remove 4 screws marked by arrows with a box type screwdriver as shown in Fig. 4.
 - Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.
 - 4. After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front surface of the cabinet) shown in Fig. 5.
 - The CRT should be assembled according to the opposite sequence of its dismantling steps.
- * The CRT change table should preferably be smaller than the CRT surface, and its height be about 35cm.

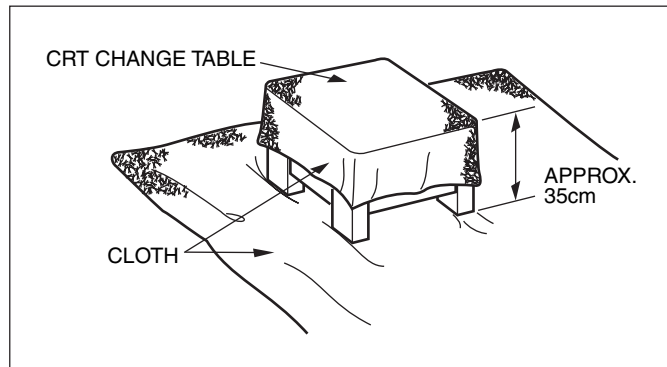


Fig. 3

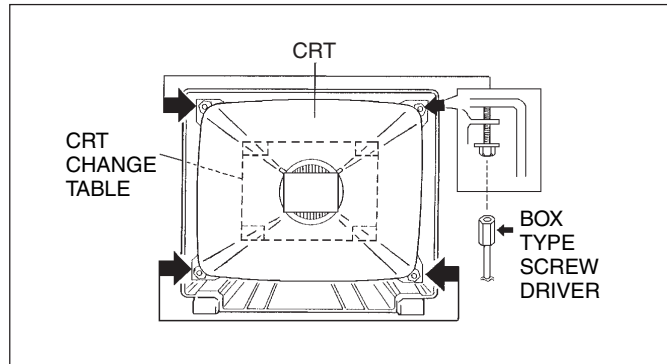


Fig. 4

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

- Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismantling them, be sure to coat silicon grease for electrical insulation as shown in Fig. 6.
- 1. Wipe around the anode button with clean and dry cloth. (Fig. 6)
- 2. Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases does not sticks to the anode button. (Fig. 7)

★ Silicon grease product No. KS - 650N

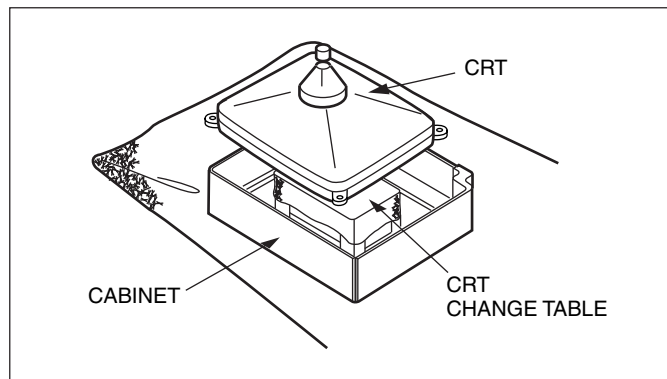


Fig. 5

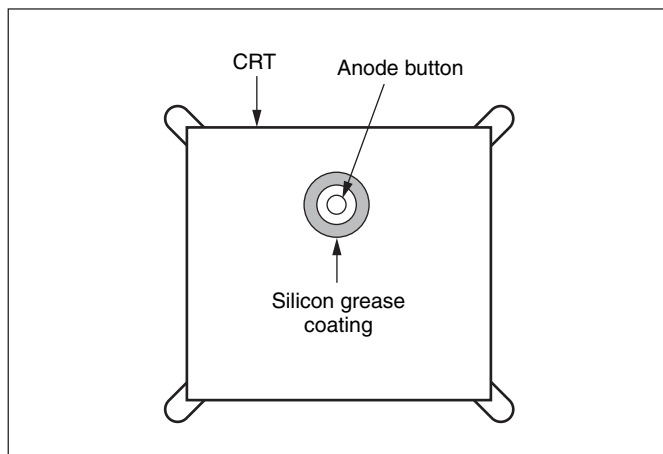


Fig. 6

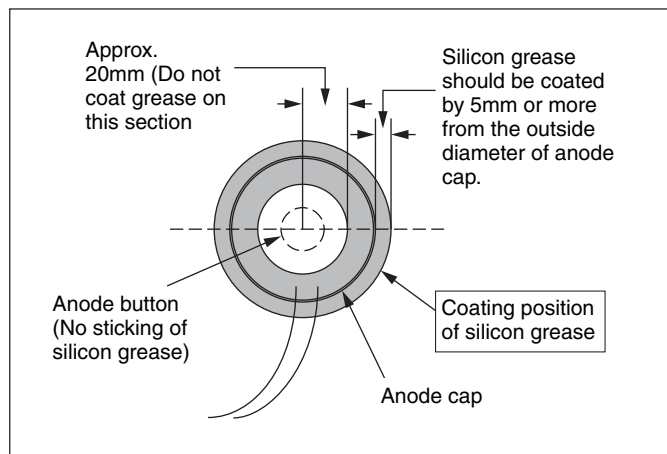


Fig. 7

REPLACEMENT OF MEMORY IC

1. MEMORY IC

This TV uses the following memory IC.

Memory IC: IC1702 on MAIN PW Board

The memory IC memorizes data for correctly operating the video and deflection circuits. When replacing the memory IC, be sure to use the same type IC written with the initial values of data. In other words, use the specific IC listed in "PRINTED WIRING BOARD PARTS LIST". For its mounting location, refer to "ADJUSTMENT LOCATIONS".

2. PROCEDURE FOR REPLACING MEMORY IC

(1) Power off

Switch the power off and unplug the power cord from the wall outlet.

(2) Replacing the memory IC

Replace the memory IC with new one. Be sure to use the memory IC written with the initial data values.

(3) Power on

Plug the power cord into the wall outlet and switch the power on.

(4) Check and setting of SYSTEM CONSTANT SET:

- 1) Press the DISPLAY key and the PICTURE MODE key on the remote control unit simultaneously.
The SERVICE MENU screen will be displayed.(See Fig.1.)
- 2) In the SERVICE MENU, press the DISPLAY key and PICTURE MODE key simultaneously. Then, the SYSTEM CONSTANT SET screen will be displayed.(See Fig.2.)
- 3) Check whether the setting values of the SYSTEM CONSTANT SET are the same as those indicated in Table1.
If the value is different, select the setting item with the MENU ∇/Δ key, and set the correct value with the MENU $\triangleleft/\triangleright$ key.
- 4) Press the DISPLAY key twice to return to the normal screen.

(5) Receive channel setting

Refer to the **OPERATING INSTRUCTIONS** and set the receive channels (channels preset).

(6) User setting

Check the user setting values in Table 2, and if setting value is different, set the correct value.
For setting, refer to the **OPERATING INSTRUCTIONS**.

(7) Setting of SERVICE MENU

Verify the setting for each setting item in the SERVICE MENU.(See Table 3.) If readjustment is necessary, perform adjustment referring to "SERVICE ADJUSTMENTS".

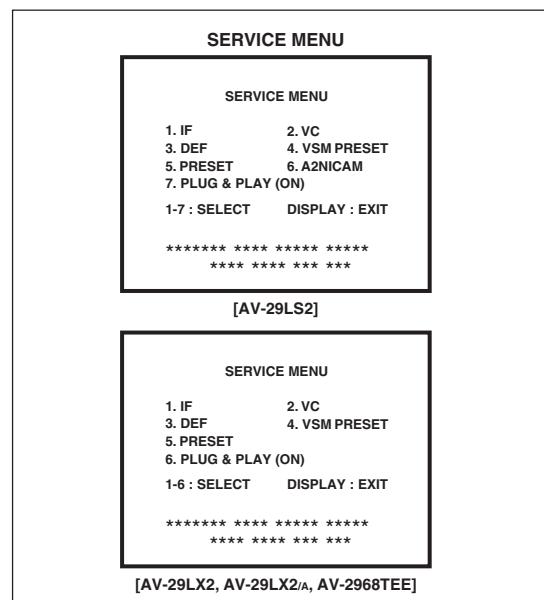
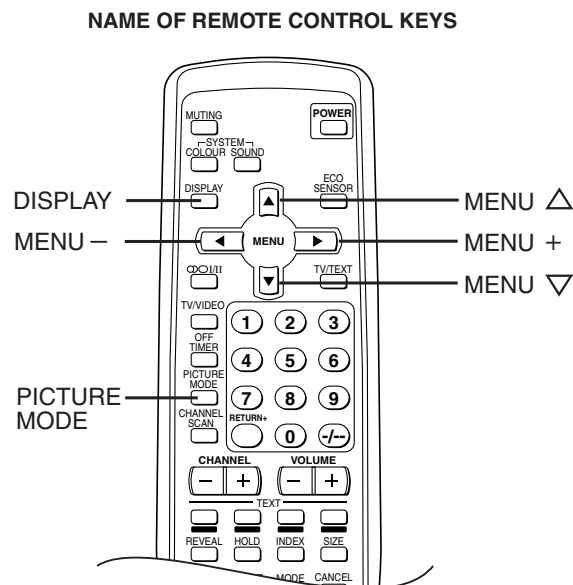


Fig. 1

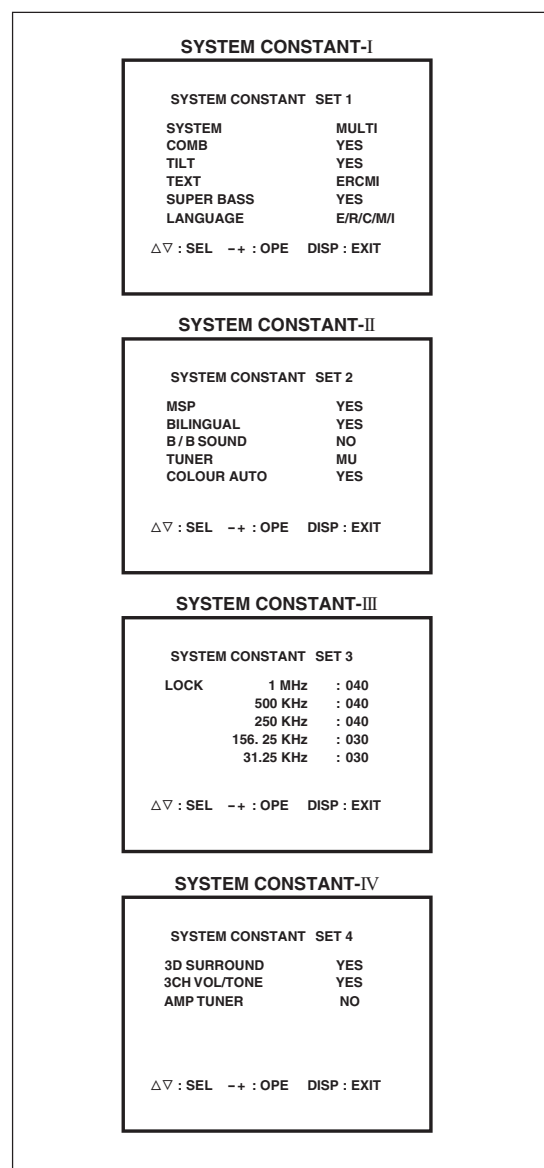


Fig. 2

SETTING OF SYSTEM CONSTANT SET

| Setting item | Setting content | Setting value | | | |
|--------------|--|---------------|----------|------------|------------|
| | | AV-29LS2 | AV-29LX2 | AV-29LX2/A | AV-2968TEE |
| SYSTEM | → MULTI → TRIPLE → PAL → SINGLE → VIET → | MULTI | ← | ← | ← |
| COMB | → YES → NO → | YES | ← | ← | ← |
| TILT | → YES → NO → | YES | ← | ← | ← |
| TEXT | → ERCMI → ERAPU → NO → | ERCMI | NO | ← | ERAPU |
| SUPER BASS | → YES → NO → | NO | ← | ← | ← |
| LANGUAGE | → E/R/C/M/I → E/R/C → E/C → | E/R/C/M/I | - | - | - |
| | → E/R/A/P/U → E/R/A/P → E/R/U → | - | E/R/A/P | ← | E/R/A/P/U |
| MSP | → YES → NO → | YES | NO | ← | ← |
| BILINGUAL | → YES → NO → | NO | ← | ← | ← |
| B/B SOUND | → YES → NO → | NO | ← | YES | NO |
| TUNER | → MU → MA → | MU | ← | ← | ← |
| COLOUR AUTO | → YES → NO → | NO | ← | YES | NO |
| LOCK 1MHz | → 000 → 240 → | 040 | ← | ← | ← |
| 500KHz | → 000 → 240 → | 040 | ← | ← | ← |
| 250KHz | → 000 → 240 → | 040 | ← | ← | ← |
| 156.25KHz | → 000 → 240 → | 030 | ← | ← | ← |
| 31.25KHz | → 000 → 240 → | 030 | ← | ← | ← |
| 3D SURROUND | → YES → NO → | NO | ← | ← | ← |
| 3CH VOL/TONE | → YES → NO → | YES | ← | ← | ← |
| AMP TUNER | → YES → NO → | NO | ← | ← | ← |

Table 1

USER SETTING VALUES

| Setting item | Setting value |
|-------------------|---------------------------------|
| SUB POWER | ON |
| CHANNEL POSITION | 1 POSITION |
| CHANNEL PRESET | REFER TO OPERATING INSTRUCTIONS |
| VOLUME | 15 ± 2 |
| TV/VIDEO | TV |
| VNR | OFF |
| COMPRESS (16:9) | OFF |
| AUTO SHUTOFF | OFF |
| CHILD LOCK | OFF |
| BLUE BACK | ON |
| VIDEO-2 SET | VIDEO |
| LANGUAGE | ENG |
| AI VOLUME | ON |
| ON SCREEN DISPLAY | POSITION INDICATION |
| COLOUR SYSTEM | PAL |
| SOUND SYSTEM | B/G |
| STEREO MODE | STEREO [AV-29LS2 only] |
| PICTURE MODE-VSM | BRIGHT |
| OFF TIMER | 00 |
| ECO SENSOR | OFF |
| BASS | CENTRE |
| TREBLE | CENTRE |
| BALANCE | CENTRE |

Table 2

SERVICE MENU SETTING ITEMS

| Service menu | Setting item | Service menu | Setting item |
|--|--|---|--|
| 1. IF | 1. VCO 2. DELAY POINT | 5. PRESET Do not adjust | 1. PSNS 2. ACL 3. MUS 4. MAT 5. FCO 6. BPS 7. IFLH 8. VID 9. STM 10. AFCW 11. VSW 12. FFI 13. AGC 14. CL 15. AKB 16. HBL 17. BKS 18. READ STATUS 19. VNR 20. PEAK 21. IVG 22. WPL 23. SOFT CLIPPER 24. IF PLL OFFSET 25. OVERSHOOT 26. HCO 27. HP2 28. AI VOLUME ADN 31. CCCLOOP |
| 2. VC | 1. CUTOFF(R/G) 2. DRIVE(R/G/B) 3. BRIGHT 4. CONT 5. COLOUR 6. TINT 7. SHARP 8. YDELAY 9. AMP T. SHARP Do not adjust | | |
| 3. DEF | 1. VER. SLOPE 2. VER. HEIGHT 3. VER. POSITION 4. VER. SCURVE 5. HOR. POSITION 6. HOR. WIDTH 7. EW-PIN 8. EW-TRAPEZ 9. UP CORNER 10. DW CORNER 11. HOR. PARALL 12. HOR. BOW 13. V. ZOOM | | |
| 4. VSM PRESET (BRIGHT/STD/SOFT) Do not adjust | 1. TINT 2. COLOUR 3. BRIGHT 4. PICTURE 5. DETAIL | 6. A2NICAM [AV-29LS2 only] Do not adjust | 1. ERROR LIMIT 2. A2 ID THR 3. SOUND SYSTEM |
| | | 6/7. PLUG & PLAY(ON) Do not adjust | |

Table 3

REPLACEMENT OF CHIP COMPONENT

■ CAUTIONS

1. Avoid heating for more than 3 seconds.
2. Do not rub the electrodes and the resist parts of the pattern.
3. When removing a chip part, melt the solder adequately.
4. Do not reuse a chip part after removing it.

■ SOLDERING IRON

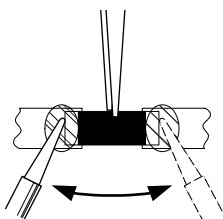
1. Use a high insulation soldering iron with a thin pointed end of it.
2. A 30w soldering iron is recommended for easily removing parts.

■ REPLACEMENT STEPS

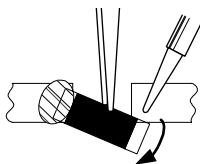
1. How to remove Chip parts

◆ Resistors, capacitors, etc.

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with tweezers and remove the chip part.

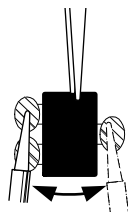


◆ Transistors, diodes, variable resistors, etc.

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

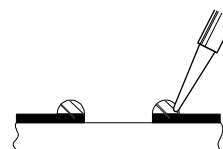


Note : After removing the part, remove remaining solder from the pattern.

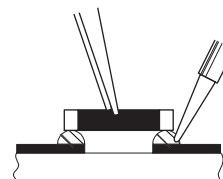
2. How to install Chip parts

◆ Resistors, capacitors, etc.

- (1) Apply solder to the pattern as indicated in the figure.

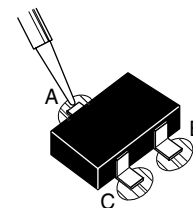


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

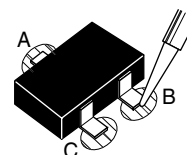


◆ Transistors, diodes, variable resistors, etc.

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SERVICE ADJUSTMENTS

ADJUSTMENT PREPARATION

1. You can make the necessary adjustments for this unit with either the remote control unit or with the adjustment equipment and parts as given below.
2. Adjustment with the remote control unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.
3. Make sure that AC power is turned on correctly.
4. Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
5. Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
6. Never touch any adjustment parts, which are not specified in the list for this adjustment-variable resistors, transformers, capacitors, etc.
7. Presetting before adjustment.

Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

- User mode setting position

| Setting item | Setting value |
|------------------------------|---------------|
| PICTURE MODE(VSM) | BRIGHT |
| VNR | OFF |
| BASS, TREBLE, BALANCE | CENTRE |
| TINT, COLOUR, BRIGHT, DETAIL | CENTRE |
| PICTURE | MAXIMUM |

MEASURING INSTRUMENT

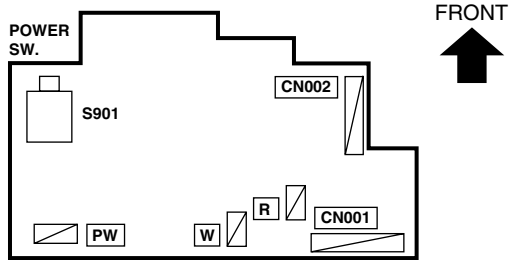
1. DC voltmeter (or Digital voltmeter)
2. Oscilloscope
3. Signal generator (Pattern generator) [PAL/SECAM/NTSC]
4. Remote control unit

ADJUSTMENT ITEMS

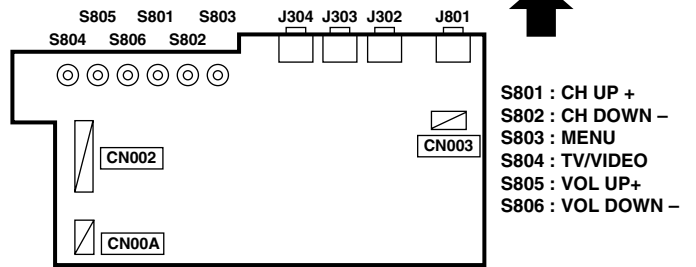
- B1 POWER SUPPLY
- FOCUS ADJUSTMENT
- IF CIRCUIT ADJUSTMENTS
 - Adjustment of VCO (CW)
 - Adjustment of DELAY POINT (AGC TAKE-OVER)
- VC (VIDEO/CHROMA) CIRCUIT ADJUSTMENTS
 - Adjustment of WHITE BALANCE (Low light)
 - Adjustment of WHITE BALANCE (High light)
 - Adjustment of SUB BRIGHT
 - Adjustment of SUB CONTRAST
 - Adjustment of SUB COLOUR-I
 - Adjustment of SUB COLOUR-II
 - Adjustment of SUB TINT-I
 - Adjustment of SUB TINT-II
- DEFLECTION CIRCUIT ADJUSTMENTS
 - Adjustment of V. SLOPE
 - Adjustment of V. POSITION
 - Adjustment of V. HEIGHT
 - Adjustment of H. POSITION
 - Adjustment of H. WIDTH
 - Adjustment of SIDE PIN
 - Adjustment of TRAPEZIUM
 - Adjustment of V. S-CURVE
 - Adjustment of CORNER
 - Adjustment of H. PARALLEL
 - Adjustment of H. BOW
- VSM PRESET SETTING
- PRESET SETTING
- AUDIO ADJUSTMENT [AV-29LS2 only]
- PURITY ADJUSTMENT
- CONVERGENCE ADJUSTMENTS
 - Adjustment of STATIC CONVERGENCE
 - Adjustment of DYNAMIC CONVERGENCE

ADJUSTMENT LOCATIONS

FRONT CONTROL PWB ASS'Y(1/2)

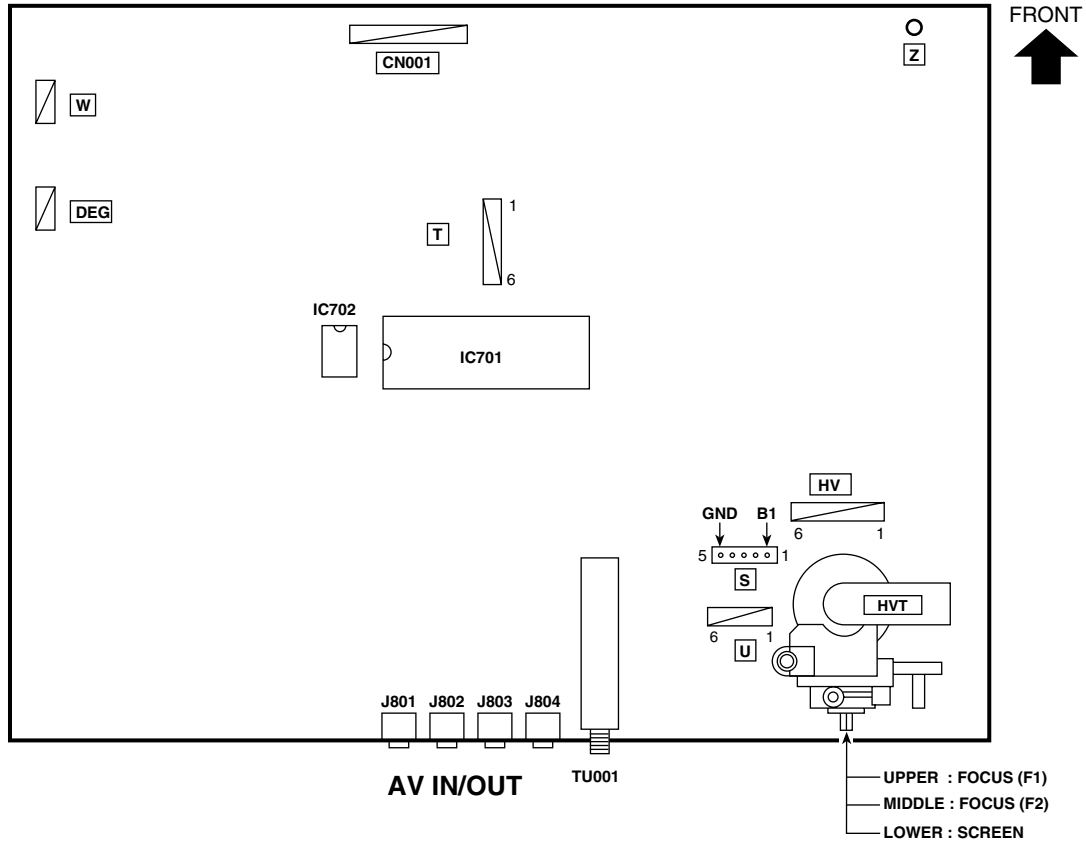


FRONT CONTROL PWB ASS'Y(2/2)



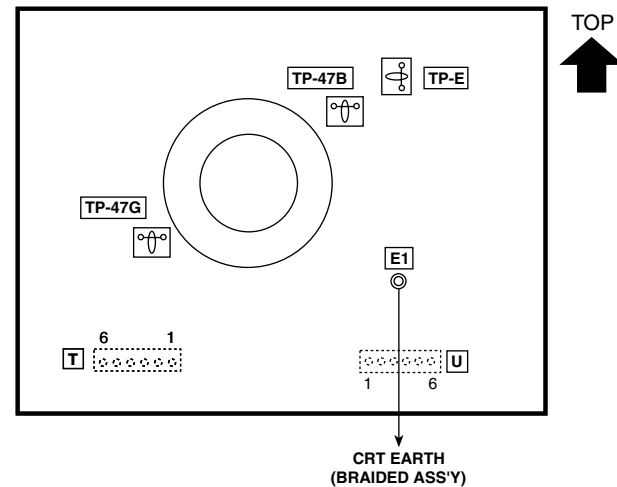
S801 : CH UP +
S802 : CH DOWN -
S803 : MENU
S804 : TV/VIDEO
S805 : VOL UP+
S806 : VOL DOWN -

MAIN PWB ASS'Y



UPPER : FOCUS (F1)
MIDDLE : FOCUS (F2)
LOWER : SCREEN

CRT SOCKET PWB ASS'Y (SOLDER SIDE)



CRT EARTH
(BRAIDED ASS'Y)

BASIC OPERATION IN SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the remote control unit.

2. SERVICE MENU ITEMS

With the SERVICE MENU, various settings (adjustments) can be made, and they are broadly classified in the following items of settings:

- 1. IF For entering/adjusting the setting values (adjustment values) of the IF circuit.
- 2. VC For entering/adjusting the setting values (adjustment values) of the VIDEO/CHROMA circuit.
- 3. DEF For entering/adjusting the setting values (adjustment values) of the DEFLECTION circuit.
- 4. VSM PRESET For setting the values of STANDARD, SOFT and BRIGHT.
(VSM: video status memory)
- 5. PRESET For setting the values of the preset.
- 6. A2NICAM For entering/adjusting the setting values (adjustment values) of the multiplicity sound circuit. [AV-29LS2 only]
- 6/7. PLUG & PLAY (ON) This is not used for service.

3. BASIC OPERATION IN SERVICE MENU

(1) How to enter SERVICE MENU

Press the DISPLAY key and the PICTURE MODE key on the remote control unit simultaneously.
The SERVICE MENU screen will be displayed. (See Fig. 1 on the next page.)

(2) Selection of SUB MENU SCREEN

Press one of the keys 1 to 7 on the remote control unit, and select the SUB MENU SCREEN from the SERVICE MENU. (See Fig. 1 on the next page.)

| | |
|-------------------------|----------------------------|
| SERVICE MENU → SUB MENU | 1. IF |
| | 2. VC |
| | 3. DEF |
| | 4. VSM PRESET |
| | 5. PRESET |
| | 6. A2NICAM [AV-29LS2 only] |
| | 6/7. PLUG & PLAY (ON) |

(3) Method of Setting

*Once the setting values are set, they are memorized automatically.

*It must not adjust without inputting a signal.

1) 1. IF

[1. VCO]

- (a) 1 Key Select **1. IF**.
- (b) 1 Key Select **1. VCO**.
- (c) DISPLAY Key When this is pressed twice, you will return to the SERVICE MENU.
 - Under normal conditions, no adjustment is required.

[2. DELAY POINT]

- (a) 1 Key Select **1. IF**.
- (b) 2 Key Select **2. DELAY POINT**.
- (c) MENU $\triangleleft/\triangleright$ Key Adjust the setting value.
- (d) DISPLAY Key When this is pressed twice, you will return to the SERVICE MENU.

2) 2. VC, 3. DEF, 4. VSM PRESET, 5. PRESET and 6. A2NICAM

- (a) 2 ~6 Keys Select one from **2. VC**, **3. DEF**, **4. VSM PRESET**, **5. PRESET** and **6. A2NICAM**.
- (b) MENU ∇/\triangle key Select setting items.
- (c) MENU $\triangleleft/\triangleright$ Key Adjust the setting values of the setting items.
 - Use the number keys on the remote control unit for setting of WHITE BALANCE.
For the setting, refer to each item concerned.
- (d) DISPLAY Key When this is pressed, you will return to the SERVICE MENU.

3) 6/7. PLUG & PLAY (ON)

This is not used for service.

(4) Release of SERVICE MENU

After completing the setting, return to the SERVICE MENU by pressing the DISPLAY key, then again press the DISPLAY key to return to the normal screen.

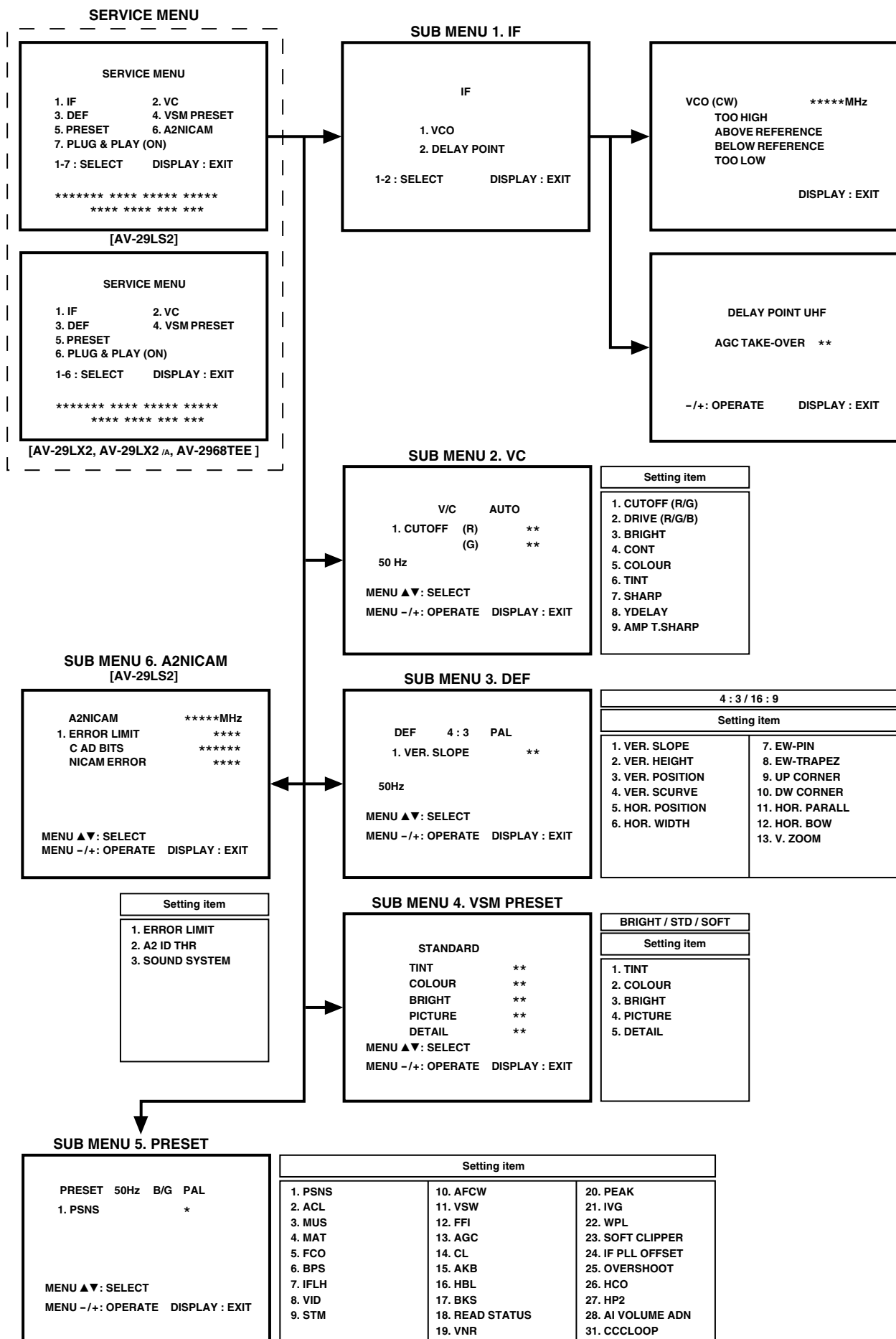


Fig. 1
No. 52062

ADJUSTMENTS

B1 POWER SUPPLY

| Item | Measuring instrument | Test point | Adjustment part | Description |
|--------------------------|--------------------------------------|--|-----------------|--|
| Check of B1 POWER SUPPLY | Signal Generator DC Voltmeter | B1 (pin 1) GND (pin 5) [CN00S connector in MAIN PWB] | | <ol style="list-style-type: none"> 1. Receive a black and white signal. 2. Connect a DC voltmeter between B1 and GND (between pins 1 and 5 of the connector CN00S). 3. Make sure that the voltage is DC134.5 ± 2V. |

FOCUS ADJUSTMENT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---------------------|----------------------|------------|-------------------|---|
| Adjustment of FOCUS | Signal generator | | FOCUS VR [In HVT] | <p>Notes:</p> <ul style="list-style-type: none"> •Set PICTURE MODE (VSM) to “BRIGHT”. •The final adjustment of CONVERGENCE must be done after the FOCUS adjustment. (CONVERGENCE is changed by FOCUS adjustment.) When makes difference by FOCUS adjustment, should be reconfirming PURITY adjustment. <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. While looking at the screen centre, adjust the FOCUS VR so that the vertical and horizontal lines will be clear and in fine detail. 3. Make sure that the picture is in focus even when the screen gets darkened. |

IF CIRCUIT ADJUSTMENTS

| Item | Measuring instrument | Test point | Adjustment part | Description | | | | | | | | |
|---|-----------------------|------------|-----------------|---|------------------------------|-----------------------|--|-----------|--------|--------------------------------|----|----|
| Adjustment of VCO (CW) | Remote control unit | | VCO (CW) | <p>Note:</p> <ul style="list-style-type: none">• Under normal conditions, no adjustment is required. <ol style="list-style-type: none">1. Select 1. IF from the SERVICE MENU.2. Select 1. VCO by pressing the 1 key on the remote control unit.3. Receive a broadcast signal.4. Check the characters colour of the BELOW REFERENCE displayed to yellow.5. Press the DISPLAY key three times to return to normal screen. | | | | | | | | |
| <div><div><div>VCO (CW) *.*.* MHz</div><div>TOO HIGH ABOVE REFERENCE BELOW REFERENCE TOO LOW</div><div>DISPLAY : EXIT</div></div><div><div>fv</div><div>YELLOW</div></div></div> | | | | | | | | | | | | |
| Adjustment of DELAY POINT (AGC TAKE-OVER) | Remote control unit | | DELAY POINT | <ol style="list-style-type: none">1. Receive a black and white broadcast signal (colour off).2. Select 1. IF from the SERVICE MENU.3. Select 2. DELAY POINT by pressing the 2 key on the remote control unit.4. Adjust the MENU $\triangleleft/\triangleright$ key in order to eliminate any noise or beat from the image. Any increase above the initial value produces noise and any decrease below it produces beat.5. Press the DISPLAY key three times to return to the normal screen.6. Turn to other channels and make sure that there are no irregularities. | | | | | | | | |
| <table><tr><th rowspan="2">Setting (Adjustment time)</th><th colspan="2">Initial setting value</th></tr><tr><th>NTSC 3.58</th><th>OTHERS</th></tr><tr><td>DELAY POINT (AGC TAKE-OVER)</td><td>30</td><td>26</td></tr></table> | | | | | Setting (Adjustment time) | Initial setting value | | NTSC 3.58 | OTHERS | DELAY POINT (AGC TAKE-OVER) | 30 | 26 |
| Setting (Adjustment time) | Initial setting value | | | | | | | | | | | |
| | NTSC 3.58 | OTHERS | | | | | | | | | | |
| DELAY POINT (AGC TAKE-OVER) | 30 | 26 | | | | | | | | | | |

VC (VIDEO/CHROMA) CIRCUIT ADJUSTMENTS

The setting (adjustment) using the remote control unit is made on the basis of the initial setting values.
The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
● Do not change the initial setting values of the setting (adjustment) items not listed in "ADJUSTMENT".

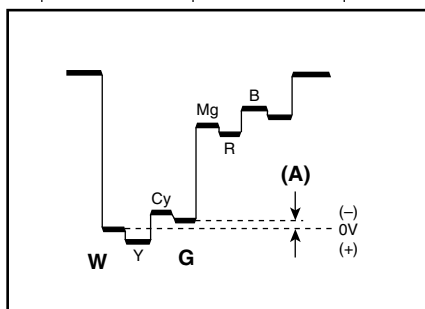
[SUB MENU 2. VC] : Do not adjust.

| | Setting (Adjustment) item | Variable range | Initial setting value | | | | |
|---|---------------------------|----------------|-----------------------|-------|----------|----------|-----------------|
| | | | PAL | SECAM | NTSC3.58 | NTSC4.43 | COMPONENT (V-2) |
| 1 | CUT-OFF (R/G) | -32 ~ +31 | 0/0 | ← | ← | ← | -2/+14 |
| 2 | DRIVE (R/G/B) | -32 ~ +31 | 0/0/0 | ← | ← | ← | ← |
| 3 | BRIGHT (TV/V-1/V-2/V-3) | -32 ~ +31 | -13/0/0/+1 | ← | ← | ← | —/—/—1/— |
| 4 | CONT | -32 ~ +31 | -10 | ← | ← | ← | — |
| 5 | COLOUR | -32 ~ +31 | -4 | -13 | -11 | +1 | 0 |
| 6 | TINT (TV/VIDEO) | -32 ~ +31 | — | — | -15/+2 | —/+1 | — |
| 7 | SHARP (TV/VIDEO) | -32 ~ +31 | -28/-22 | ← | ← | ← | —/0 |
| 8 | Y DELAY (TV/VIDEO) | -8 ~ +7 | -7/+1 | ← | 0/+1 | 0/0 | —/+1 |
| 9 | AMP T. SHARP | -32 ~ +31 | 0 | ← | ← | ← | ← |

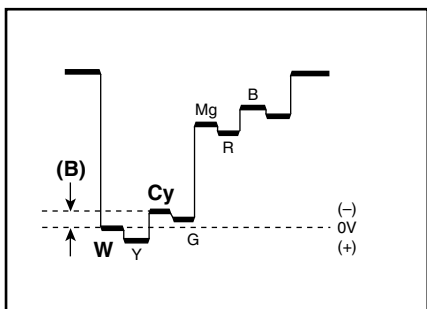
| Item | Measuring instrument | Test point | Adjustment part | Description |
|--|----------------------|------------|-----------------------------|--|
| Adjustment of WHITE BALANCE (Low light) | Signal generator | | 1. CUTOFF (R) CUTOFF (G) | Note: •Set PICTURE MODE (VSM) to “BRIGHT”. |
| | Remote control unit | | SCREEN VR [In HVT] | |
| <div><div>V/C PAL 1. CUTOFF (R) ** </div></div> | | | | |

| Item | Measuring instrument | Test point | Adjustment part | Description | | | | | | | | | | | | | | |
|--|---------------------------|------------|--|---|---------------------------|--|----------------|-----------------------|----------|---|-----------|---|---|-----------|---|---|-----------|---|
| Adjustment of WHITE BALANCE (High light) | Signal generator | | 2. DRIVE (R) DRIVE (G) DRIVE (B) | <p>Notes:</p> <ul style="list-style-type: none">• Proceed to the following adjustment after having completed the adjustment of LOW LIGHT WHITE BALANCE.• Set PICTURE MODE (VSM) to “BRIGHT”. <ol style="list-style-type: none">1. Receive a PAL black and white signal (colour off).2. Select 2. VC from the SERVICE MENU.3. Select 2. DRIVE (R), (G) and (B) with MENU ▽/△ key, and set each value to initial setting value with the 4 to 9 keys on the remote control unit.4. Use the keys 4 to 9 to produce a white screen.5. Press the DISPLAY key twice to return to the normal screen. <table><tr><th>Setting (Adjustment) Item</th><th></th><th>Variable range</th><th>Initial setting value</th></tr><tr><td rowspan="3">2. DRIVE</td><td>R</td><td>−32 — +31</td><td>0</td></tr><tr><td>G</td><td>−32 — +31</td><td>0</td></tr><tr><td>B</td><td>−32 — +31</td><td>0</td></tr></table> | Setting (Adjustment) Item | | Variable range | Initial setting value | 2. DRIVE | R | −32 — +31 | 0 | G | −32 — +31 | 0 | B | −32 — +31 | 0 |
| | Setting (Adjustment) Item | | Variable range | | Initial setting value | | | | | | | | | | | | | |
| 2. DRIVE | R | −32 — +31 | 0 | | | | | | | | | | | | | | | |
| | G | −32 — +31 | 0 | | | | | | | | | | | | | | | |
| | B | −32 — +31 | 0 | | | | | | | | | | | | | | | |
| | Remote control unit | | <div><div>V/C</div><div>PAL</div><div>1. DRIVE (R) **</div><div>(G) **</div><div>(B) **</div><div>50 Hz</div><div>MENU ▲▼ : SELECT</div><div>MENU −/+ : OPERATE DISPLAY : EXIT</div></div> | | | | | | | | | | | | | | | |
| | | | <div>REMOTE CONTROL UNIT</div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>R. DRIVE (▲)</div><div>G. DRIVE (▲)</div><div>B. DRIVE (▲)</div><div>R. DRIVE (▼)</div><div>G. DRIVE (▼)</div><div>B. DRIVE (▼)</div></div> | | | | | | | | | | | | | | | |
| Adjustment of SUB BRIGHT | Remote control unit | | 3. BRIGHT | <p>Notes:</p> <ul style="list-style-type: none">• Proceed to the following adjustment after having completed the adjustments of LOW LIGHT WHITE BALANCE and HIGH LIGHT WHITE BALANCE.• Set PICTURE MODE (VSM) to “BRIGHT”. <ol style="list-style-type: none">1. Receive a broadcast.2. Select 2. VC from the SERVICE MENU.3. Select 3. BRIGHT with the MENU ▽/△ key.4. Set the initial setting value with the MENU ◁/▷ key.5. If the brightness is not best with the initial setting value, make fine adjustment until you get the best brightness.6. Press the DISPLAY key twice to return to the normal screen. | | | | | | | | | | | | | | |
| Adjustment of SUB CONTRAST | Remote control unit | | 4. CONT | <p>Notes:</p> <ul style="list-style-type: none">• Proceed to the following adjustment after having completed the adjustment of SUB BRIGHT.• Set PICTURE MODE (VSM) to “BRIGHT”. <ol style="list-style-type: none">1. Receive a broadcast.2. Select 2. VC from the SERVICE MENU.3. Select 4. CONT with the MENU ▽/△ key.4. Set the initial setting value with the MENU ◁/▷ key.5. If the contrast is not best with the initial setting value, make fine adjustment until you get the best contrast.6. Press the DISPLAY key twice to return to the normal screen. | | | | | | | | | | | | | | |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|-----------------------------|---|---|-----------------|--|
| Adjustment of SUB COLOUR-I | Remote control unit | | 5. COLOUR | <p>[Method of adjustment without measuring instrument]</p> <p>Notes:</p> <ul style="list-style-type: none"> • Proceed to the following adjustment after having completed the adjustment of SUB CONT. • Set PICTURE MODE (VSM) to "BRIGHT". <p>– PAL COLOUR –</p> <ol style="list-style-type: none"> 1. Receive a PAL broadcast. 2. Select 2. VC from the SERVICE MENU. 3. Select 5. COLOUR with the MENU ∇/Δ key. 4. Set the initial setting value for PAL COLOUR with the MENU $\triangleleft/\triangleright$ key. 5. If the colour is not best with the initial setting value, make fine adjustment until you get the best colour. 6. Press the DISPLAY key twice to return to the normal screen. <p>– SECAM COLOUR –</p> <ol style="list-style-type: none"> 7. Receive a SECAM broadcast. 8. Press the COLOUR SYSTEM button on the remote control unit to select the SECAM colour system. 9. Make fine adjustment of SECAM COLOUR in the same way as for "PAL COLOUR". <p>– NTSC 3.58 COLOUR –</p> <ol style="list-style-type: none"> 10. Receive a NTSC 3.58MHz broadcast. 11. Press the COLOUR SYSTEM button on the remote control unit to select the NTSC 3.58 colour system. 12. Make similar fine adjustment of NTSC 3.58 COLOUR in the same way as for "PAL COLOUR". <p>– NTSC 4.43 COLOUR –</p> <p>When adjustment is done for NTSC 3.58 COLOUR, appropriate values are automatically set for NTSC 4.43 COLOUR.</p> |
| Adjustment of SUB COLOUR-II | Signal generator Oscilloscope Remote control unit | TP-47G TP-E (\overline{H}) [CRT SOCKET PWB] | 5. COLOUR | <p>[Method of adjustment using measuring instrument]</p> <p>Notes:</p> <ul style="list-style-type: none"> • Proceed to the following adjustment after having completed the adjustment of SUB CONT. • Set PICTURE MODE (VSM) to "BRIGHT". <p>– PAL COLOUR –</p> <ol style="list-style-type: none"> 1. Receive a PAL colour bar signal (full field colour bar 75% white). 2. Select 2. VC from the SERVICE MENU. 3. Select 5. COLOUR with the MENU ∇/Δ key. 4. Set the initial setting value of PAL COLOUR with the MENU $\triangleleft/\triangleright$ key. 5. Connect the oscilloscope between TP-47G and TP-E. 6. Adjust PAL COLOUR to set the value (A) in the figure to +15V (V_{W-G}). <p>– SECAM COLOUR –</p> <ol style="list-style-type: none"> 7. Receive a SECAM colour bar signal (full field colour bar 75% white). 8. Press the COLOUR SYSTEM button on the remote control unit to select the SECAM colour system. 9. Set the initial setting value of SECAM COLOUR with the MENU $\triangleleft/\triangleright$ key. 10. Adjust SECAM COLOUR to set the value (A) in the figure to 0V (V_{W-G}). <p>– NTSC 3.58 COLOUR –</p> <ol style="list-style-type: none"> 11. Receive a NTSC 3.58 colour bar signal (full field colour bar 75% white). 12. Press the COLOUR SYSTEM button on the remote control unit to select the NTSC 3.58 colour system. 13. Set the initial setting value of NTSC 3.58 COLOUR with the MENU $\triangleleft/\triangleright$ key. 14. Adjust NTSC 3.58 COLOUR to set the value (A) in the figure to +6V (V_{W-G}). <p>– NTSC 4.43 COLOUR –</p> <p>When adjustment is done for NTSC 3.58 COLOUR, appropriate values are automatically set for NTSC 4.43 COLOUR.</p> |



| Item | Measuring instrument | Test point | Adjustment part | Description |
|---------------------------|---|---|-----------------|--|
| Adjustment of SUB TINT-I | Signal generator Remote control unit | | 6. TINT | <p>[Method of adjustment without measuring instrument]</p> <p>Notes:</p> <ul style="list-style-type: none"> • Proceed to the following adjustment after having completed the adjustment of SUB CONT. • Set PICTURE MODE (VSM) to "BRIGHT". <p>– NTSC 3.58 TINT –</p> <ol style="list-style-type: none"> 1. Receive a NTSC 3.58 colour bar signal (full field colour bar 75% white). 2. Press the COLOUR SYSTEM button on the remote control unit to select the NTSC 3.58 colour system. 3. Select 2. VC from the SERVICE MENU. 4. Select 6. TINT with the MENU ∇/Δ key. 5. Set the initial setting value of NTSC 3.58 with the MENU $\triangleleft/\triangleright$ key. 6. If you cannot get the best tint with the initial setting value, make fine adjustment until you get the best tint. 7. Press the DISPLAY key twice to return to the normal screen. <p>– NTSC 4.43 TINT –</p> <p>When adjustment is done for NTSC 3.58 TINT, appropriate values are automatically set for NTSC 4.43 TINT.</p> |
| Adjustment of SUB TINT-II | Signal generator Oscilloscope Remote control unit | TP-47G TP-E (77) [CRT SOCKET PWB] | 6. TINT | <p>[Method of adjustment using measuring instrument]</p> <p>Notes:</p> <ul style="list-style-type: none"> • Proceed to the following adjustment after having completed the adjustment of SUB CONT. • Set PICTURE MODE (VSM) to "BRIGHT". <p>– NTSC 3.58 TINT –</p> <ol style="list-style-type: none"> 1. Receive a NTSC 3.58 colour bar signal (full field colour bar 75% white). 2. Press the COLOUR SYSTEM button on the remote control unit to select the NTSC 3.58 colour system. 3. Select 2. VC from the SERVICE MENU. 4. Select 6. TINT with the MENU ∇/Δ key. 5. Set the initial setting value of NTSC 3.58 with the MENU $\triangleleft/\triangleright$ key. 6. Connect the oscilloscope between TP-47G and TP-E. 7. Adjust NTSC 3.58 TINT to set the value (B) in the figure to +2V (V_{w-cy}). 8. Press the DISPLAY key twice to return to the normal screen. <p>– NTSC 4.43 TINT –</p> <p>When adjustment is done for NTSC 3.58 TINT, appropriate values are automatically set for NTSC 4.43 TINT.</p> |



DEFLECTION CIRCUIT ADJUSTMENTS

The setting (adjustment) using the remote control unit is made on the basis of the initial setting values.
The setting values which adjust the screen to the optimum condition can be different from the initial setting values.

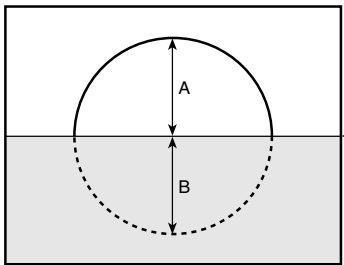
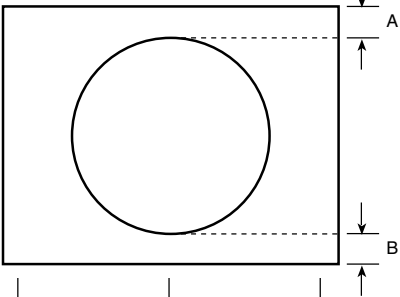
Note:

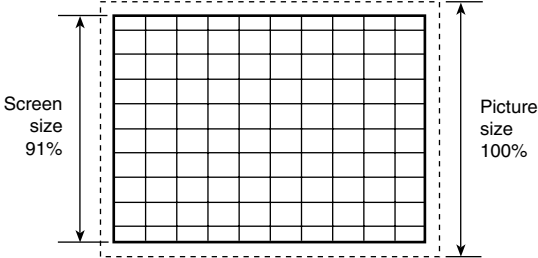
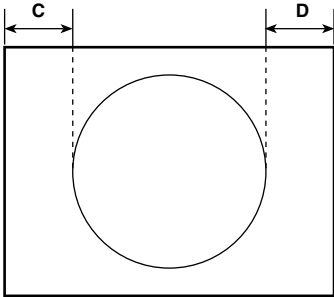
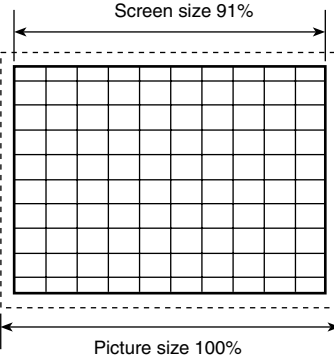
Proceed to the following adjustment after having completed the adjustments of SUB BRIGHT and SUB PICTURE.

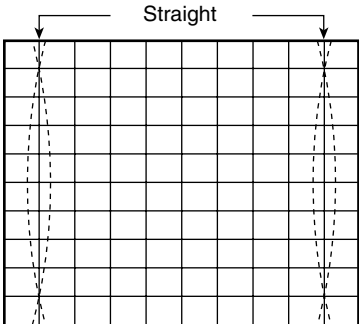
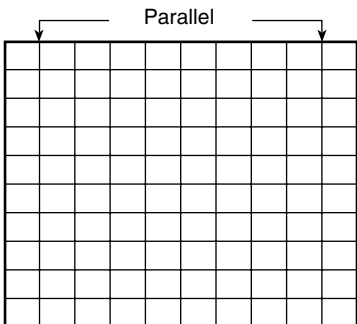
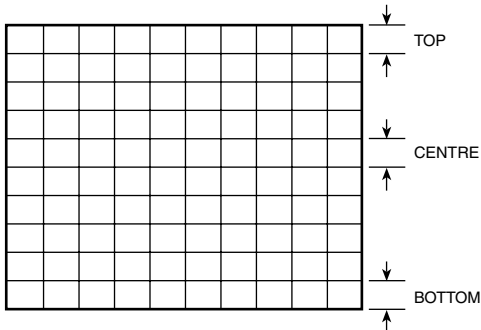
[SUB MENU 3. DEF]

| Setting (Adjustment) item | Variable range | Initial setting value | | | | |
|---------------------------------|----------------|-----------------------|------|----------------|------|-------------------------|
| | | 4:3 | | COMPRESS(16:9) | | COMPONENT DVD (50Hz) |
| | | 50Hz | 60Hz | 50Hz | 60Hz | |
| 1. VER. SLOPE | −32 — +31 | +2 | 0 | 0 | 0 | — |
| 2. VER. HEIGHT | −32 — +31 | +31 | 0 | −26 | −29 | — |
| 3. VER. POSITION | −32 — +31 | −3 | −1 | −3 | −1 | — |
| 4. VER. SCURVE | −32 — +31 | −10 | 0 | −10 | 0 | — |
| 5. HOR. POSITION | −32 — +31 | 0 | +7 | 0 | +7 | +7 |
| 6. HOR. WIDTH | −32 — +31 | 11 | −1 | 11 | −1 | — |
| 7. EW-PIN | −32 — +31 | −12 | −1 | −13 | −12 | — |
| 8. EW-TRAPEZ | −32 — +31 | −4 | 0 | 0 | −1 | — |
| 9. UP CORNER | −32 — +31 | −20 | 0 | 0 | 0 | — |
| 10. DW CORNER | −32 — +31 | −19 | 0 | 0 | 0 | — |
| 11. HOR. PARALL | −32 — +31 | 0 | 0 | 0 | 0 | — |
| 12. HOR. BOW | −32 — +31 | 0 | 0 | 0 | 0 | — |
| 13. V.ZOOM | −32 — +31 | −1 | −1 | 14 | 14 | — |

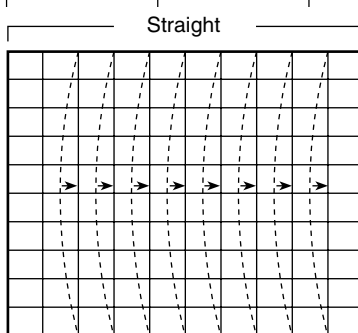
[COMPRESS (16:9) : OFF, fv: 50Hz mode]

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---------------------------------|---|------------|------------------|--|
| Adjustment of V. SLOPE | Signal generator Remote control unit | | 1. VER. SLOPE | <ol style="list-style-type: none"> 1. Receive a PAL circle pattern signal of vertical frequency 50Hz. 2. Select 3. DEF from the SERVICE MENU. 3. Select 1. VER. SLOPE with the MENU ∇/Δ key. 4. Set the initial setting value of 1. VER. SLOPE with the MENU $\triangleleft/\triangleright$ key. 5. Adjust 1. VER. SLOPE to make "A = B" with the MENU $\triangleleft/\triangleright$ key. |
| | | | |  |
| Adjustment of V. POSITION | Signal generator Remote control unit | | 3. VER. POSITION | <ol style="list-style-type: none"> 6. Select 3. VER. POSITION with the MENU ∇/Δ key. 7. Set the initial setting value of 3. VER. POSITION with the MENU $\triangleleft/\triangleright$ key. 8. Adjust 3. VER. POSITION to make "A = B" with the MENU $\triangleleft/\triangleright$ key. <p>(to be continued)</p> |
| | | | |  |

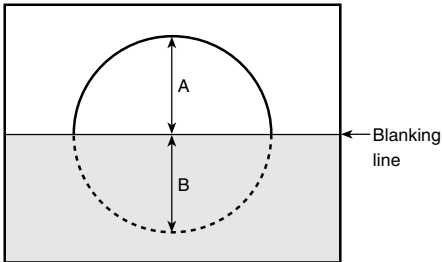
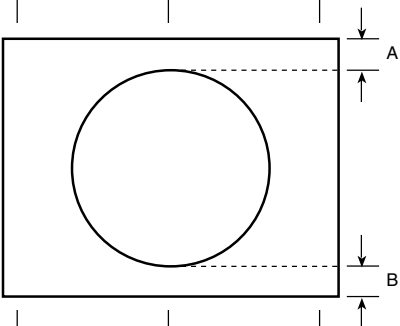
| Item | Measuring instrument | Test point | Adjustment part | Description |
|-------------------------------------|---|------------|---|---|
| Adjustment of V. HEIGHT | Signal generator Remote control unit | | 2. VER. HEIGHT 13. V. ZOOM | <p>9. Receive a PAL cross-hatch signal.</p> <p>10. Select 2. VER. HEIGHT with the MENU ∇/Δ key.</p> <p>11. Set the initial setting value of 2. VER. HEIGHT with the MENU $\triangleleft/\triangleright$ key.</p> <p>12. Select 13. V. ZOOM with the MENU ∇/Δ key.</p> <p>13. Set the initial setting value of 13. V. ZOOM with the MENU $\triangleleft/\triangleright$ key.</p> <p>14. Adjust 13. V. ZOOM and make the vertical screen size 91% of the picture size with the MENU $\triangleleft/\triangleright$ key.</p> |
| |  | | | |
| Adjustment of H. POSITION | Signal generator Remote control unit | | 5. HOR. POSITION | <p>15. Receive a PAL circle pattern signal.</p> <p>16. Select 5. HOR. POSITION with the MENU ∇/Δ key.</p> <p>17. Set the initial setting value of 5. HOR. POSITION with the MENU $\triangleleft/\triangleright$ key.</p> <p>18. Adjust 5. HOR POSITION to make "C=D" with the MENU $\triangleleft/\triangleright$ key.</p> |
| |  | | | |
| Adjustment of H. WIDTH | Signal generator Remote control unit | | 6. HOR. WIDTH | <p>19. Receive a PAL cross-hatch signal.</p> <p>20. Select 6. HOR. WIDTH with the MENU ∇/Δ key.</p> <p>21. Set the initial setting value of 6. HOR. WIDTH with the MENU $\triangleleft/\triangleright$ key.</p> <p>22. Adjust 6. HOR. WIDTH and make the horizontal screen size 91% of the picture size with the MENU $\triangleleft/\triangleright$ key.</p> <p>(to be continued)</p> |
| |  | | | |

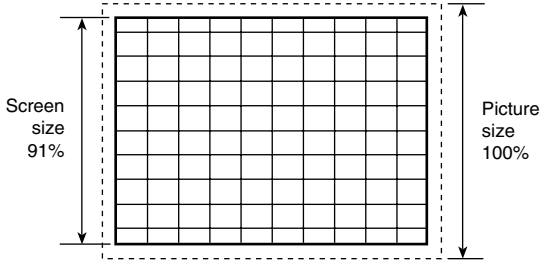
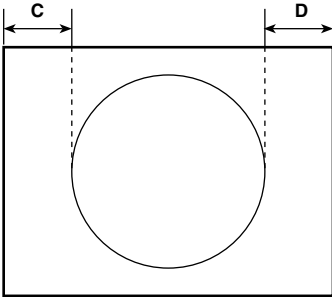
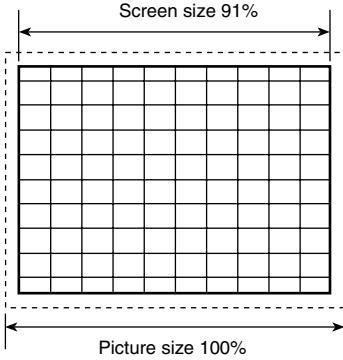
| Item | Measuring instrument | Test point | Adjustment part | Description |
|----------------------------|---|------------|-----------------|--|
| Adjustment of SIDE PIN | Signal generator Remote control unit | | 7. EW-PIN | <p>23. Select 7. EW-PIN with the MENU ∇/Δ key.</p> <p>24. Set the initial setting value of 7. EW-PIN with the MENU $\triangleleft/\triangleright$ key.</p> <p>25. Adjust 7. EW-PIN so that the first vertical lines at the left and right edges on the screen are straight.</p> |
| | | | |  |
| Adjustment of TRAPEZIUM | Signal generator Remote control unit | | 8. EW-TRAPEZ | <p>26. Select 8. EW-TRAPEZ with the MENU ∇/Δ key.</p> <p>27. Set the initial setting value of 8. EW-TRAPEZ with the MENU $\triangleleft/\triangleright$ key.</p> <p>28. Adjust 8. EW-TRAPEZ so that the vertical lines at the left and right edges on the screen are in parallel.</p> |
| | | | |  |
| Adjustment of V.S-CURVE | Signal generator Remote control unit | | 4. VER. SCURVE | <p>29. Select 4. VER. SCURVE with the MENU ∇/Δ key.</p> <p>30. Set the initial setting value of 4. VER. SCURVE with the MENU $\triangleleft/\triangleright$ key.</p> <p>31. Adjust 4. VER. SCURVE so that the spaces of each line on TOP, CENTRE and BOTTOM become uniform.</p> |
| | | | |  <p>(to be continued)</p> |

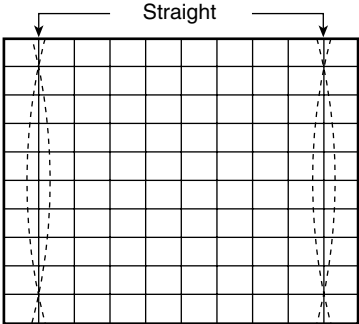
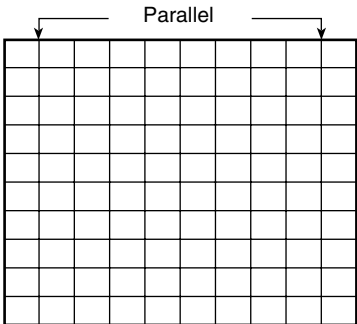
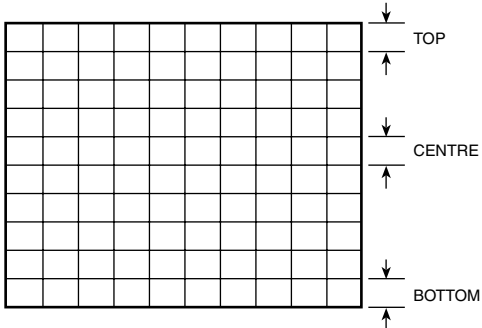
| Item | Measuring instrument | Test point | Adjustment part | Description |
|---------------------------|---|------------|-------------------------------|--|
| Adjustment of CORNER | Signal generator Remote control unit | | 9. UP CORNER 10. DW CORNER | 32. Select 9. UP CORNER with the MENU ∇/Δ key. 33. Set the initial setting value of 9. UP CORNER with the MENU $\triangleleft/\triangleright$ key. 34. Select 10. DW CORNER with the MENU ∇/Δ key. 35. Set the initial setting value of 10. DW CORNER with the MENU $\triangleleft/\triangleright$ key. 36. Adjust 9. UP CORNER and 10. DW CORNER so that the vertical lines at the four corners on the screen are straight. |
| Adjustment of H. PARALLEL | Signal generator Remote control unit | | 11. HOR. PARALL | 37. Select 11. HOR. PARALL with the MENU ∇/Δ key. 38. Set the initial setting value of 11. HOR. PARALL with the MENU $\triangleleft/\triangleright$ key. 39. Adjust 11. HOR. PARALL to optimize the parallelogram distortion. |
| Adjustment of H. BOW | Signal generator Remote control unit | | 12. HOR. BOW | 40. Select 12. HOR. BOW with the MENU ∇/Δ key. 41. Set the initial setting value of Select 12. HOR. BOW with the MENU $\triangleleft/\triangleright$ key. 42. Adjust 12. HOR. BOW to optimize the horizontal arc distortion. 43. Press the DISPLAY key twice to return to the normal screen. |



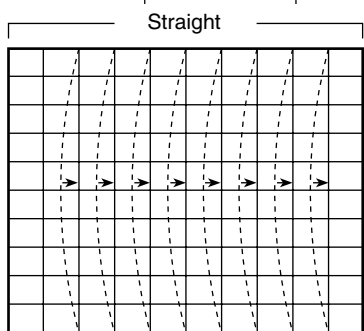
[COMPRESS (16 : 9) : OFF, fv: 60Hz mode]

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---------------------------|---|------------|------------------|--|
| Adjustment of V. SLOPE | Signal generator Remote control unit | | 1. VER. SLOPE | <ol style="list-style-type: none"> 1. Receive a NTSC circle pattern signal of vertical frequency 60Hz. 2. Select 3. DEF from the SERVICE MENU. 3. Select 1. VER. SLOPE with the MENU ∇/Δ key. 4. Set the initial setting value of 1. VER. SLOPE with the MENU $\triangleleft/\triangleright$ key. 5. Adjust 1. VER. SLOPE to make "A = B" with the MENU $\triangleleft/\triangleright$ key. |
| |  | | | |
| Adjustment of V. POSITION | Signal generator Remote control unit | | 3. VER. POSITION | <ol style="list-style-type: none"> 6. Select 3. VER. POSITION with the MENU ∇/Δ key. 7. Set the initial setting value of 3. VER. POSITION with the MENU $\triangleleft/\triangleright$ key. 8. Adjust 3. VER. POSITION to make "A = B" with the MENU $\triangleleft/\triangleright$ key. |
| |  | | | (to be continued) |

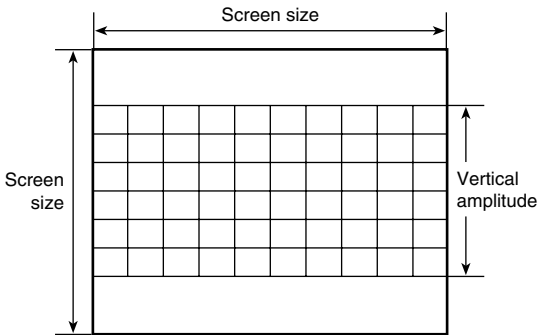
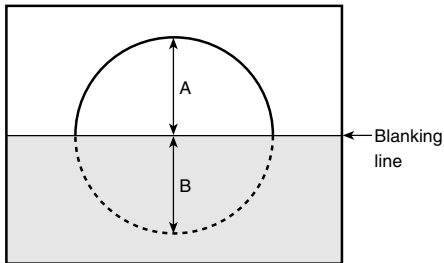
| Item | Measuring instrument | Test point | Adjustment part | Description |
|------------------------------|---|------------|-------------------------------|--|
| Adjustment of V. HEIGHT | Signal generator Remote control unit | | 2. VER. HEIGHT 13. V. ZOOM | <p>9. Receive a NTSC cross-hatch signal.</p> <p>10. Select 2. VER. HEIGHT with the MENU ∇/Δ key.</p> <p>11. Set the initial setting value of 2. VER. HEIGHT with the MENU $\triangleleft/\triangleright$ key.</p> <p>12. Select 13. V. ZOOM with the MENU ∇/Δ key.</p> <p>13. Set the initial setting value of 13. V. ZOOM with the MENU $\triangleleft/\triangleright$ key.</p> <p>14. Adjust 13. V. ZOOM and make the vertical screen size 91% of the picture size with the MENU $\triangleleft/\triangleright$ key.</p> |
| |  | | | |
| Adjustment of H. POSITION | Signal generator Remote control unit | | 5. HOR. POSITION | <p>15. Receive a NTSC circle pattern signal.</p> <p>16. Select 5. HOR. POSITION with the MENU ∇/Δ key.</p> <p>17. Set the initial setting value of 5. HOR. POSITION with the MENU $\triangleleft/\triangleright$ key.</p> <p>18. Adjust 5. HOR POSITION to make "C=D" with the MENU $\triangleleft/\triangleright$ key.</p> |
| |  | | | |
| Adjustment of H. WIDTH | Signal generator Remote control unit | | 6. HOR. WIDTH | <p>19. Receive a NTSC cross-hatch signal.</p> <p>20. Select 6. HOR. WIDTH with the MENU ∇/Δ key.</p> <p>21. Set the initial setting value of 6. HOR. WIDTH with the MENU $\triangleleft/\triangleright$ key.</p> <p>22. Adjust 6. HOR. WIDTH and make the horizontal screen size 91% of the picture size with the MENU $\triangleleft/\triangleright$ key.</p> <p>(to be continued)</p> |
| |  | | | |

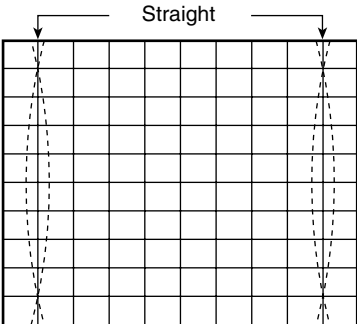
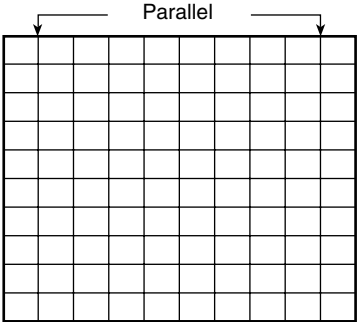
| Item | Measuring instrument | Test point | Adjustment part | Description |
|-------------------------|---|------------|-----------------|--|
| Adjustment of SIDE PIN | Signal generator Remote control unit | | 7. EW-PIN | <p>23. Select 7. EW-PIN with the MENU ∇/Δ key.</p> <p>24. Set the initial setting value of 7. EW-PIN with the MENU $\triangleleft/\triangleright$ key.</p> <p>25. Adjust 7. EW-PIN so that the first vertical lines at the left and right edges on the screen are straight.</p> |
| | | | |  |
| Adjustment of TRAPEZIUM | Signal generator Remote control unit | | 8. EW-TRAPEZ | <p>26. Select 8. EW-TRAPEZ with the MENU ∇/Δ key.</p> <p>27. Set the initial setting value of 8. EW-TRAPEZ with the MENU $\triangleleft/\triangleright$ key.</p> <p>28. Adjust 8. EW-TRAPEZ so that the vertical lines at the left and right edges on the screen are in parallel.</p> |
| | | | |  |
| Adjustment of V.S-CURVE | Signal generator Remote control unit | | 4. VER. SCURVE | <p>29. Select 4. VER. SCURVE with the MENU ∇/Δ key.</p> <p>30. Set the initial setting value of 4. VER. SCURVE with the MENU $\triangleleft/\triangleright$ key.</p> <p>31. Adjust 4. VER. SCURVE so that the spaces of each line on TOP, CENTRE and BOTTOM become uniform.</p> |
| | | | |  <p>(to be continued)</p> |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---------------------------|---|------------|-------------------------------|--|
| Adjustment of CORNER | Signal generator Remote control unit | | 9. UP CORNER 10. DW CORNER | 32. Select 9. UP CORNER with the MENU ∇/Δ key. 33. Set the initial setting value of 9. UP CORNER with the MENU $\triangleleft/\triangleright$ key. 34. Select 10. DW CORNER with the MENU ∇/Δ key. 35. Set the initial setting value of 10. DW CORNER with the MENU $\triangleleft/\triangleright$ key. 36. Adjust 9. UP CORNER and 10. DW CORNER so that the vertical lines at the four corners on the screen are straight. |
| Adjustment of H. PARALLEL | Signal generator Remote control unit | | 11. HOR. PARALL | 37. Select 11. HOR. PARALL with the MENU ∇/Δ key. 38. Set the initial setting value of 11. HOR. PARALL with the MENU $\triangleleft/\triangleright$ key. 39. Adjust 11. HOR. PARALL to optimize the parallelogram distortion. |
| Adjustment of H. BOW | Signal generator Remote control unit | | 12. HOR. BOW | 40. Select 12. HOR. BOW with the MENU ∇/Δ key. 41. Set the initial setting value of Select 12. HOR. BOW with the MENU $\triangleleft/\triangleright$ key. 42. Adjust 12. HOR. BOW to optimize the horizontal arc distortion. 43. Press the DISPLAY key twice to return to the normal screen. |

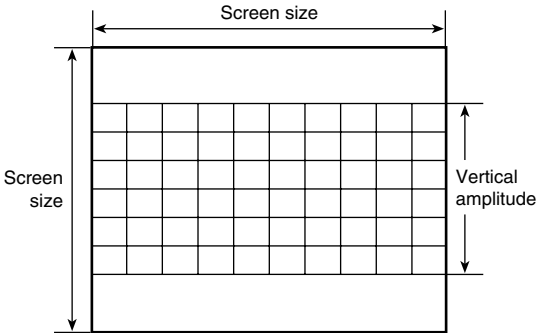
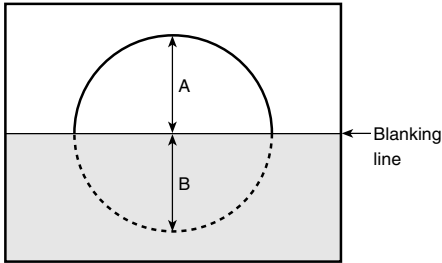


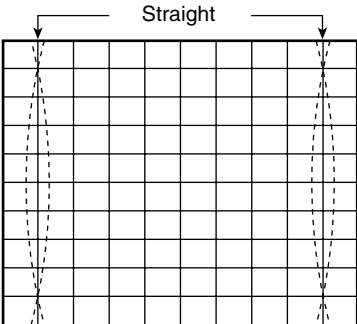
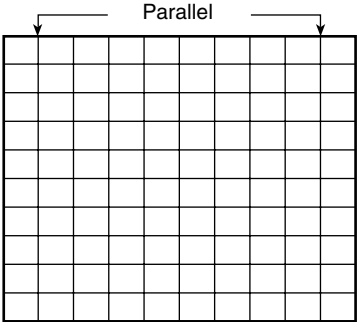
[COMPRESS (16 : 9) : ON, fv: 50Hz mode]

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|------------|-------------------------------|--|
| Adjustment of V. HEIGHT | Signal generator Remote control unit | | 13. V. ZOOM 2. VER. HEIGHT | <ol style="list-style-type: none"> 1. Receive a PAL cross-hatch signal of vertical frequency 50Hz. 2. Select COMPRESS from the MENU and set COMPRESS to ON. 3. Select 3. DEF from the SERVICE MENU. 4. Set the initial setting value of 13. V. ZOOM with the MENU $\triangleleft/\triangleright$ key. 5. Select 2. VER. HEIGHT with the MENU ∇/\triangle key. 6. Set the initial setting value of 2. VER. HEIGHT with the MENU $\triangleleft/\triangleright$ key. 7. Adjust 2. VER. HEIGHT to set the vertical amplitude of the image to 295mm. |
|  | | | | |
| Adjustment of V. SLOPE | Signal generator Remote control unit | | 1. VER. SLOPE | <ol style="list-style-type: none"> 8. Receive a PAL circle pattern signal of vertical frequency 50Hz. 9. Select 3. DEF from the SERVICE MENU. 10. Select 1. VER. SLOPE with the MENU ∇/\triangle key. 11. Set the initial setting value of 1. VER. SLOPE with the MENU $\triangleleft/\triangleright$ key. 12. Adjust 1. VER. SLOPE to make "A = B" with the MENU $\triangleleft/\triangleright$ key. |
|  | | | | (to be continued) |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|----------------------------|---|------------|-------------------------------|--|
| Adjustment of SIDE PIN | Signal generator Remote control unit | | 7. EW-PIN | <p>13. Receive a PAL cross-hatch signal.</p> <p>14. Select 7. EW-PIN with the MENU ∇/Δ key.</p> <p>15. Set the initial setting value of 7. EW-PIN with the MENU $\triangleleft/\triangleright$ key.</p> <p>16. Adjust 7. EW-PIN so that the first vertical lines at the left and right edges on the screen are straight.</p> |
| | | | |  |
| Adjustment of TRAPEZIUM | Signal generator Remote control unit | | 8. EW-TRAPEZ | <p>17. Select 8. EW-TRAPEZ with the MENU ∇/Δ key.</p> <p>18. Set the initial setting value of 8. EW-TRAPEZ with the MENU $\triangleleft/\triangleright$ key.</p> <p>19. Adjust 8. EW-TRAPEZ so that the vertical lines at the left and right edges on the screen are in parallel.</p> |
| | | | |  |
| Adjustment of CORNER | Signal generator Remote control unit | | 9. UP CORNER 10. DW CORNER | <p>20. Select 9. UP CORNER with the MENU ∇/Δ key.</p> <p>21. Set the initial setting value of 9. UP CORNER with the MENU $\triangleleft/\triangleright$ key.</p> <p>22. Select 10. DW CORNER with the MENU ∇/Δ key.</p> <p>23. Set the initial setting value of 10. DW CORNER with the MENU $\triangleleft/\triangleright$ key.</p> <p>24. Adjust 9. UP CORNER and 10. DW CORNER so that the vertical lines at the four corners on the screen are straight.</p> <p>25. Press the DISPLAY key twice to return to the normal screen.</p> |

[COMPRESS (16 : 9) : ON, fv: 60Hz mode]

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|------------|-------------------------------|---|
| Adjustment of V. HEIGHT | Signal generator Remote control unit | | 13. V. ZOOM 2. VER. HEIGHT | <ol style="list-style-type: none"> 1. Receive a NTSC cross-hatch signal of vertical frequency 60Hz. 2. Select COMPRESS from the MENU and set COMPRESS to ON. 3. Select 3. DEF from the SERVICE MENU. 4. Set the initial setting value of 13. V. ZOOM with the MENU $\triangleleft/\triangleright$ key. 5. Select 2. VER. HEIGHT with the MENU ∇/\triangle key. 6. Set the initial setting value of 2. VER. HEIGHT with the MENU $\triangleleft/\triangleright$ key. 7. Adjust 2. VER. HEIGHT to set the vertical amplitude of the image to 295mm. |
|  | | | | |
| Adjustment of V. SLOPE | Signal generator Remote control unit | | 1. VER. SLOPE | <ol style="list-style-type: none"> 8. Receive a NTSC circle pattern signal of vertical frequency 60Hz. 9. Select 3. DEF from the SERVICE MENU. 10. Select 1. VER. SLOPE with the MENU ∇/\triangle key. 11. Set the initial setting value of 1. VER. SLOPE with the MENU $\triangleleft/\triangleright$ key. 12. Adjust 1. VER. SLOPE to make "A = B" with the MENU $\triangleleft/\triangleright$ key. |
|  | | | | (to be continued) |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|----------------------------|---|------------|-------------------------------|--|
| Adjustment of SIDE PIN | Signal generator Remote control unit | | 7. EW-PIN | <p>13. Receive a NTSC cross-hatch signal.</p> <p>14. Select 7. EW-PIN with the MENU ∇/Δ key.</p> <p>15. Set the initial setting value of 7. EW-PIN with the MENU $\triangleleft/\triangleright$ key.</p> <p>16. Adjust 7. EW-PIN so that the first vertical lines at the left and right edges on the screen are straight.</p> |
| | | | |  |
| Adjustment of TRAPEZIUM | Signal generator Remote control unit | | 8. EW-TRAPEZ | <p>17. Select 8. EW-TRAPEZ with the MENU ∇/Δ key.</p> <p>18. Set the initial setting value of 8. EW-TRAPEZ with the MENU $\triangleleft/\triangleright$ key.</p> <p>19. Adjust 8. EW-TRAPEZ so that the vertical lines at the left and right edges on the screen are in parallel.</p> |
| | | | |  |
| Adjustment of CORNER | Signal generator Remote control unit | | 9. UP CORNER 10. DW CORNER | <p>20. Select 9. UP CORNER with the MENU ∇/Δ key.</p> <p>21. Set the initial setting value of 9. UP CORNER with the MENU $\triangleleft/\triangleright$ key.</p> <p>22. Select 10. DW CORNER with the MENU ∇/Δ key.</p> <p>23. Set the initial setting value of 10. DW CORNER with the MENU $\triangleleft/\triangleright$ key.</p> <p>24. Adjust 9. UP CORNER and 10. DW CORNER so that the vertical lines at the four corners on the screen are straight.</p> <p>25. Press the DISPLAY key twice to return to the normal screen.</p> |

PRESET SETTING

- Do not adjust 5. PRESET in the SERVICE MENU as it requires no adjustment.

[SUB MENU 5. PRESET]

| | Setting item | Variable range | Initial setting value |
|----|---------------|----------------|-----------------------|
| 1 | PSNS | 0/1 | 0 |
| 2 | ACL | 0/1 | 0 |
| 3 | MUS | 0/1 | 0 |
| 4 | MAT | 0/1 | 0 |
| 5 | FCO | 0/1 | 0 |
| 6 | BPS | 0/1 | 0 |
| 7 | IFLH | 0/1 | 0 |
| 8 | VID | 0/1 | 0 |
| 9 | STM | 0/1 | 0 |
| 10 | AFCW | 0/1 | 0 |
| 11 | VSW | 0/1 | 0 |
| 12 | FFI | 0/1 | 0 |
| 13 | AGC | 00/01/10/11 | 01 |
| 14 | CL | 50 – 95 | 50 |
| 15 | AKB | 0/1 | 0 |
| 16 | HBL | 0/1 | 0 |
| 17 | BKS | 0/1 | 1 |
| 18 | READ STATUS | — | — |
| 19 | VNR | 00 – 63 | 25 |
| 20 | PEAK | 0 – 3 | 1 |
| 21 | IVG | 0/1 | 1 |
| 22 | WPL | 0 – F | 5 |
| 23 | SOFT CLIPPER | 0 – 3 | 0 |
| 24 | IF PLL OFFSET | 0 – 63 | 32 |
| 25 | OVERSHOOT | 0 – 3 | 3 |
| 26 | HCO | 0/1 | 0 |
| 27 | HP2 | 0/1 | 0 |
| 28 | AI VOLUME ADN | 00/01/10/11 | 10 |
| 31 | CCCLOOP | 0 – 4 | 0 |

AUDIO ADJUSTMENT [AV-29LS2 only]

- Do not adjust 6. A2NICAM (1.ERROR LIMIT, 2.A2 ID THR, 3.SOUND SYSTEM) in the SERVICE MENU as it requires no adjustment.

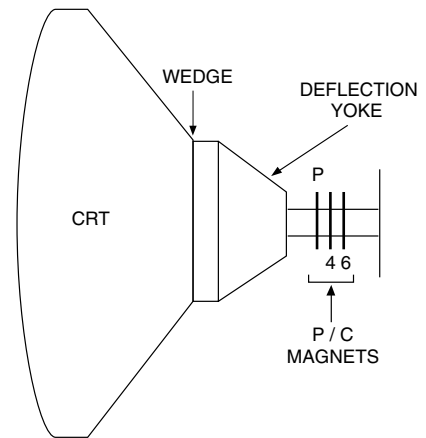
[SUB MENU 6. A2NICAM]

| Setting item | Variable range | Initial setting value (fixed) |
|----------------------------------|----------------|-------------------------------|
| 1. ERROR LIMIT (Do not adjust.) | 000H – FF0H | 100H |
| 2. A2 ID THR (Do not adjust.) | 00H – FFH | 0AH |
| 3. SOUND SYSTEM (Do not adjust.) | — | — |

PURITY ADJUSTMENT

Note: The final adjustment of CONVERGENCE must be done after the FOCUS adjustment. (CONVERGENCE is changed by FOCUS adjustment.)
When makes difference by FOCUS adjustment, should be reconfirming PURITY adjustment.

1. Demagnetize CRT with the demagnetizer.
2. Loosen the retainer screw of the deflection yoke.
3. Remove the wedges.
4. Input a green raster signal from the signal generator, and turn the screen to green raster.
5. Move the deflection yoke backward.
6. Bring the long lug of the purity magnets on the short lug and position them horizontally. (Fig. 2)
7. Adjust the gap between two lugs so that the GREEN RASTER will come into the centre of the screen. (Fig. 3)
8. Move the deflection yoke forward, and fix the position of the deflection yoke so that the whole screen will become green.
9. Insert the wedge to the top side of the deflection yoke so that it will not move.
10. Input a crosshatch signal.
11. Verify that the screen is horizontal.
12. Input red and blue raster signals, and make sure that purity is properly adjusted.



• P/C MAGNETS

P : PURITY MAGNET
4 : 4 POLES (convergence magnets)
6 : 6 POLES (convergence magnets)

Fig. 1

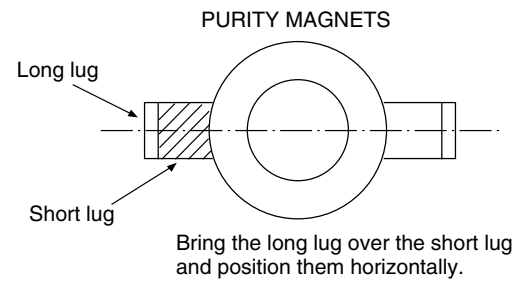


Fig. 2

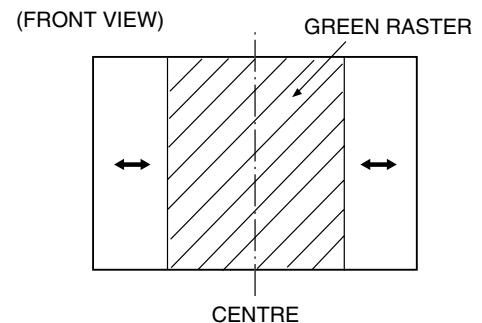


Fig. 3

CONVERGENCE ADJUSTMENTS

STATIC CONVERGENCE ADJUSTMENT

1. Input a crosshatch signal.
2. Using 4-pole convergence magnets, overlap the red and blue lines in the center of the screen (Fig. 4) and turn them to magenta (red/blue).
3. Using 6-pole convergence magnets, overlap the magenta (red/blue) and green lines in the centre of the screen and turn them to white.
4. Repeat 2 and 3 above, and make best convergence.

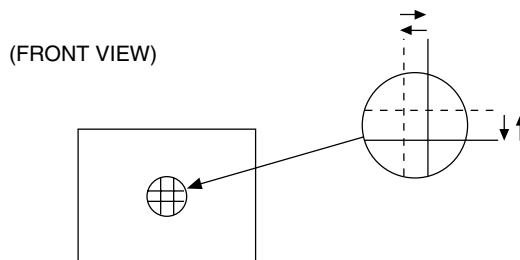


Fig. 4

DYNAMIC CONVERGENCE ADJUSTMENT

1. Using the Y_H VR on the deflection yoke, match the Y_H (CROSS). (Fig. 5 and 8)
2. Using the Y_V VR on the deflection yoke, match the Y_V . (Fig. 6 and 8)
3. Repeat the steps 1 and 2, obtain an optimum convergence.
4. Differential coil ADJUSTMENT.
In case where the horizontal lines of red and blue around the center of both sides of the picture as shown in Fig. 7, adjust the X_v difference by using the differential coil on the top of the deflection yoke (Fig. 8) so as to minimize the X_v difference.

- After adjustment, fix the wedge at the original position.
Fasten the retainer screw of the deflection yoke.
Fix the P/C magnet with glue.

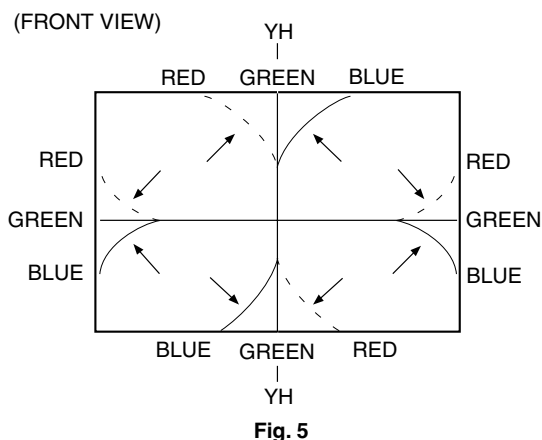


Fig. 5

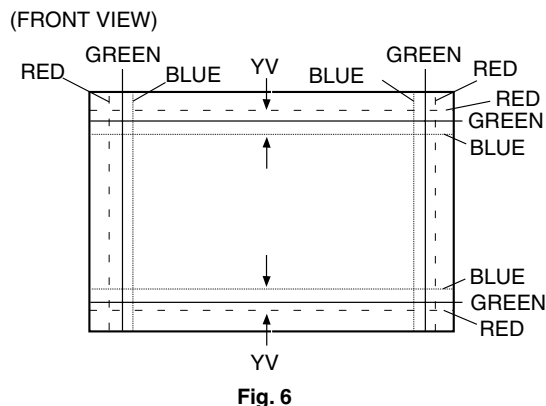


Fig. 6

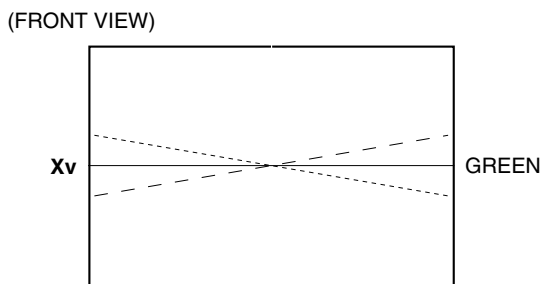


Fig. 7

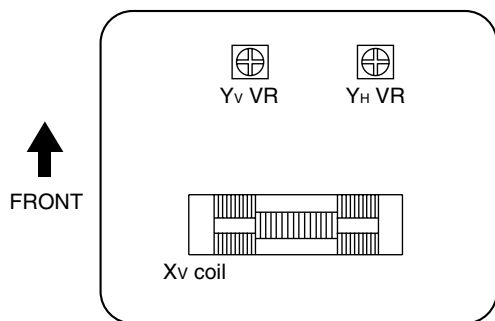


Fig. 8

SELF-CHECK FUNCTIONS

1. Outline

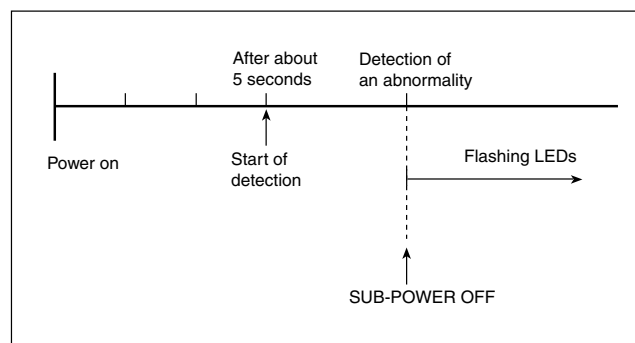
This model has self-check functions given below. When an abnormality has been detected, the SUB POWER is turned off and both ECO and ON TIMER LEDs flash to inform of the failure. An abnormality is detected by the signal input state of the control line connected to the microcomputer.

2. Self check items

| Check item | Details of detection | Method of detection | State of abnormality |
|-------------------------|--|--|--|
| Over-current protection | An over-current on the low B line is detected. | The main microcomputer detects the possible abnormality at 30-msec.intervals and judges the results in every 16 time. Of the 16 times, if NG is detected more than 9 times, it is judged that there is an abnormality. | When an abnormality has been detected, the SUB-POWER is turned off. While the SUB-POWER is being turned off, the POWER key on the remote control unit is not operational until the power cord is taken out and put in again. |
| CRT NECK protection | Operation of CRT NECK protection circuit | DITTO | DITTO |

3. Self check indicating function

When an abnormality has been detected at about 5 seconds after the power is turned on, the SUB POWER is turned off immediately and the LEDs flash.



[Indication by the LEDs]

| Item | LEDs flashing intervals | Priority of detection |
|---------------------------|-------------------------|-----------------------|
| ① Over-current protection | At 0.2-second intervals | 1 |
| ② CRT NECK protection | At 1-second intervals | 2 |

Note: In case of ① + ②, the item ① is indicated.

SERVICE NOTE :

[illegible]



VICTOR COMPANY OF JAPAN, LIMITED

HOME AV NETWORK BUSINESS UNIT. 12,3-chome,Moriya-cho,Kanagawa-ku,Yokohama,Kanagawa-prefecture,221-8528,Japan

AV29LS2-H #4
AV29LX2-H #4

AV29LX2A-H #4
AV2968TEE-H #4



Printed in Japan
0209 WPC

PARTS LIST

CAUTION

- The parts identified by the \triangle symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety .
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied .
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied .

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

| RESISTORS | | CAPACITORS | |
|-----------|--|-----------------|---|
| C R | Carbon Resistor | C CAP. | Ceramic Capacitor |
| F R | Fusible Resistor | E CAP. | Electrolytic Capacitor |
| P R | Plate Resistor | M CAP. | Mylar Capacitor |
| V R | Variable Resistor | CH CAP. | Chip Capacitor |
| HV R | High Voltage Resistor | HV CAP. | High Voltage Capacitor |
| MF R | Metal Film Resistor | MF CAP. | Metalized Film Capacitor |
| MG R | Metal Glazed Resistor | MM CAP. | Metalized Mylar Capacitor |
| MP R | Metal Plate Resistor | MP CAP. | Metalized Polystyrol Capacitor |
| OM R | Metal Oxide Film Resistor | PP CAP. | Polypropylene Capacitor |
| CMF R | Coating Metal Film Resistor | PS CAP. | Polystyrol Capacitor |
| UNF R | Non-Flammable Resistor | TF CAP. | Thin Film Capacitor |
| CH V R | Chip Variable Resistor | MPP CAP. | Metalized Polypropylene Capacitor |
| CH MG R | Chip Metal Glazed Resistor | TAN. CAP. | Tantalum Capacitor |
| COMP. R | Composition Resistor | CH C CAP. | Chip Ceramic Capacitor |
| LPTC R | Linear Positive Temperature Coefficient Resistor | BP E CAP. | Bi-Polar Electrolytic Capacitor |
| | | CH AL E CAP. | Chip Aluminum Electrolytic Capacitor |
| | | CH AL BP CAP. | Chip Aluminum Bi-Polar Capacitor |
| | | CH TAN. E CAP. | Chip Tantalum Electrolytic Capacitor |
| | | CH AL BP E CAP. | Chip Tantalum Bi-Polar Electrolytic Capacitor |

| RESISTORS | | | | | | | | | |
|-----------|-----|-----|------|------|------|--------------|--------------|--------------|-------------|
| F | G | J | K | M | N | R | H | Z | P |
| ±1% | ±2% | ±5% | ±10% | ±20% | ±30% | +30% -10% | +50% -10% | +80% -20% | +100% 0% |

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PRINTED WIRING BOARD PARTS LIST [AV-29LS2]

| | |
|------------------------------------|----|
| MAIN PW BOARD ASS'Y | 46 |
| CRT SOCKET PW BOARD ASS'Y | 50 |
| FRONT CONTROL PW BOARD ASS'Y | 52 |

PRINTED WIRING BOARD PARTS LIST [AV-29LX2]

| | |
|------------------------------------|--|
| MAIN PW BOARD ASS'Y | 54 |
| CRT SOCKET PW BOARD ASS'Y | Refer to PARTS LIST in pages 50-52 for this PW BOARD |
| FRONT CONTROL PW BOARD ASS'Y | Refer to PARTS LIST in pages 52-53 for this PW BOARD |

| | |
|---|----|
| DIFFERENCE PARTS LIST BETWEEN AV-29LX2, AV-29LX2/A AND AV-2968TEE | 60 |
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| REMOTE CONTROL UNIT PARTS LIST | 61 |
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|------------------------------------|----|
| PACKING / PACKING PARTS LIST | 62 |
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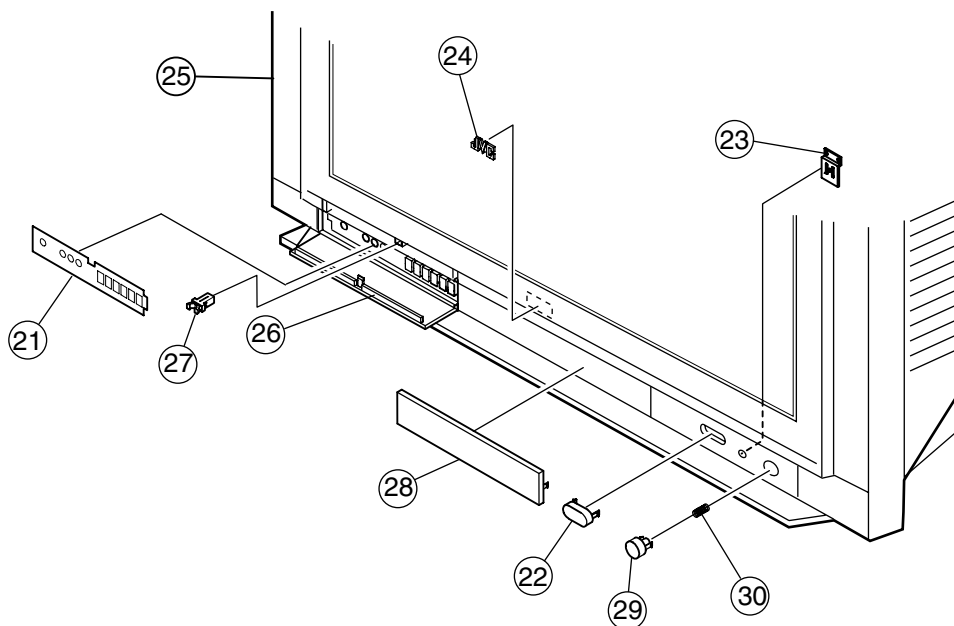
USING P.W. BOARD & REMOTE CONTROL UNIT

| P.W.B ASS'Y | Model | AV-29LS2 | AV-29LX2 | AV-29LX2/A | AV-2968TEE |
|---------------------|-------|--------------|--------------|------------|--------------|
| MAIN PWB | | SCH-1108A-H2 | SCH-1095A-H2 | ← | SCH-1104A-H2 |
| CRT SOCKET PWB | | SCH-3005A-H2 | ← | ← | ← |
| FRONT CONTROL PWB | | SCH-8004A-H2 | ← | ← | ← |
| REMOTE CONTROL UNIT | | RM-C1020-1H | RM-C1024-1H | ← | RM-C1023-1H |

EXPLODED VIEW PARTS LIST-I

| △ Ref.No. | Part No. | Part Name | Description | Local |
|-----------|----------------|---------------------|--|-------|
| 21 | LC20778-001A-H | OPERATION SHEET | | |
| 22 | LC31474-001A-H | CONTROL WINDOW | | |
| 23 | LC31476-001B-H | LED LENS | | |
| 24 | LC41037-003A-H | JVC MARK | | |
| 25 | LC11193-020A-H | FRONT CABINET ASS'Y | Inc. No. 26, 28, 29, 30 [AV-29LS2] | |
| 25 | LC11193-018A-H | FRONT CABINET ASS'Y | Inc. No. 26, 28, 29, 30 [AV-29LX2, AV-29LX2/A] | |
| 25 | LC11193-021A-H | FRONT CABINET ASS'Y | Inc. No. 26, 28, 29, 30 [AV-2968TEE] | |
| 26 | LC20776-001B-H | DOOR | [AV-29LS2] | |
| 26 | LC20776-003A-H | DOOR | [AV-29LX2, AV-29LX2/A] | |
| 26 | LC20776-004A-H | DOOR | [AV-2968TEE] | |
| 27 | CM48229-00A-C | DOOR LATCH | | |
| 28 | LC20777-001D-H | CENTRE PLATE | | |
| 29 | LC31475-001B-H | POWER KNOB | | |
| 30 | CM35235-003-H | SPRING | | |

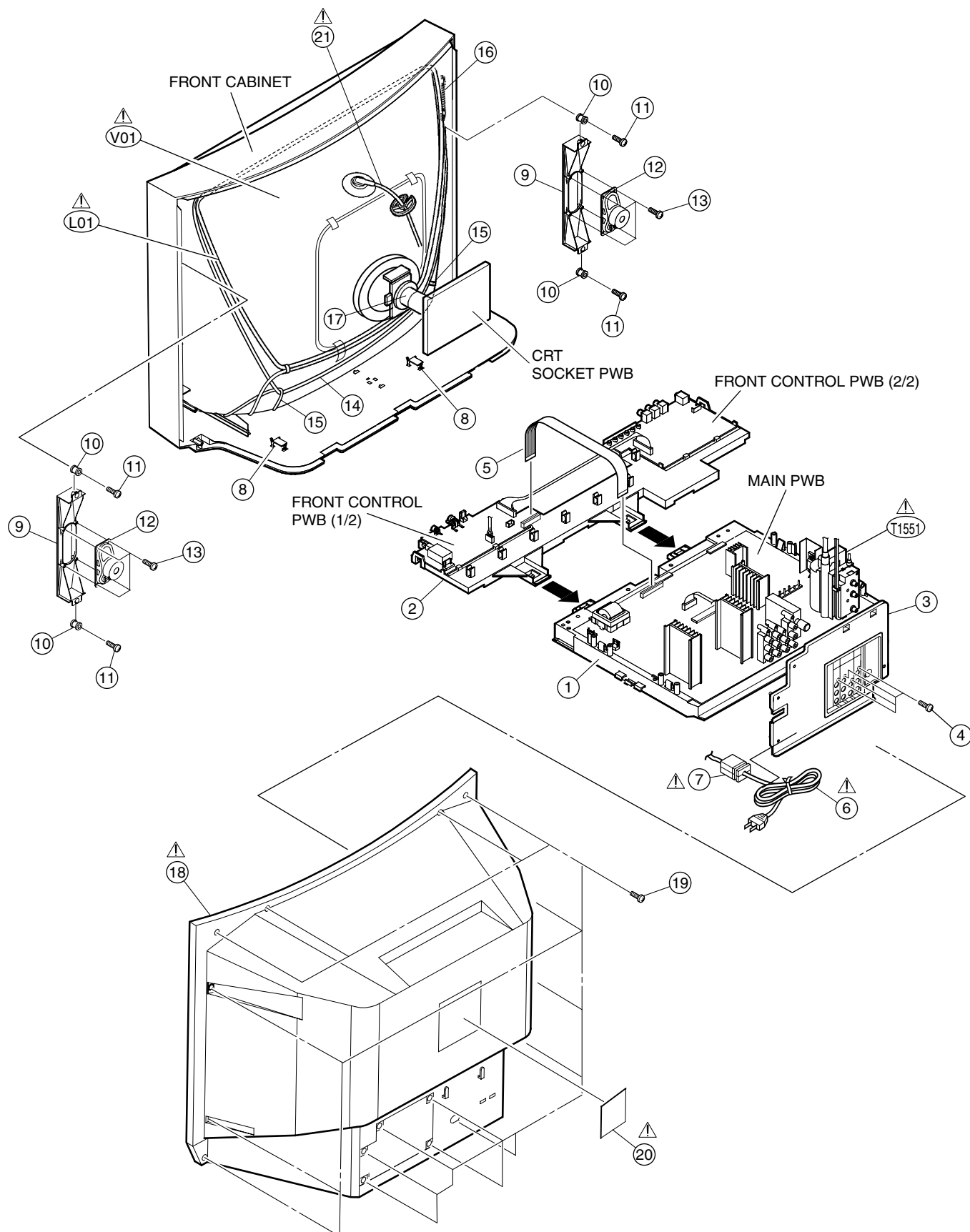
EXPLODED VIEW-I



EXPLODED VIEW PARTS LIST-II

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---------|-----------------|---------------------|----------------------------------|-------|
| ⚠ | V01 | A68QCU257X75K | PICTURE TUBE | Inc. DEF YOKE | |
| ⚠ | L01 | QQW0150-001 | DEG COIL | | |
| ⚠ | T1551 | QQH0139-001 | FBT | Not including ANODE WIRE ASS'Y | |
| | 1 | LC11061-001A-H | CHASSIS BASE | | |
| | 2 | LC11062-001D-H | CONTROL BASE | | |
| | 3 | LC11064-002A-H | AV TERMINAL BOARD | | |
| | 4 | QYSBSF3012M | TAPPING SCREW | (X4) | |
| | 5 | CHFD125-18BD | FFC WIRE | | |
| ⚠ | 6 | QMPR340-165-K2 | POWER CORD | [AV-29LS2, AV-29LX2, AV-2968TEE] | |
| ⚠ | 6 | QMPR380-165-K2 | POWER CORD | [AV-29LX2 ¹] | |
| ⚠ | 7 | CM23167-A01-H | POWER CORD CLAMP | | |
| | 8 | LC30103-001B-H | CHASSIS ADAPTER | (X2) | |
| | 9 | LC11063-001C-H | SP HOLDER | (X2) | |
| | 10 | LC40226-003A-H | SPACER | (X4) | |
| | 11 | LC40317-002A-H | TAPPING SCREW | (X4) | |
| | 12 | QAS0083-001 | SPEAKER | (X2) | |
| | 13 | QYSBSBG4016Z | TAPPING SCREW | (X8) | |
| | 14 | WJY0018-001A | BRAIDED ASS'Y | | |
| | 15 | CHGB0017-0C | BRAIDED ASS'Y (SUB) | (X2) | |
| | 16 | A48457-3-H | SPRING | | |
| | 17 | CE42568-00A | PC MAGNET | | |
| ⚠ | 18 | LC10763-004A-HH | REAR COVER | | |
| | 19 | QYSBSFG4016Z | TAPPING SCREW | (X16) | |
| ⚠ | 20 | GG20024-001B-H | RATING LABEL | | |
| ⚠ | 21 | QNZ0369-001 | ANODE WIRE ASS'Y | | |

EXPLODED VIEW-II



PRINTED WIRING BOARD PARTS LIST [AV-29LS2]

MAIN PW BOARD ASS'Y(SCH-1108A-H2)

| △ | Symbol No. | Part No. | Part Name | Description | Local | △ | Symbol No. | Part No. | Part Name | Description | Local |
|-----------------|------------|--------------|-----------|---------------|-------|-----------------|------------|---------------|-----------|---------------|-------|
| RESISTOR | | | | | | RESISTOR | | | | | |
| | R1001 | NRSA63J-221X | MG R | 220Ω 1/16W J | | △ | R1529 | QRZ9021-1R0 | F R | 1Ω 1W J | |
| | R1002 | NRSA63J-221X | MG R | 220Ω 1/16W J | | | R1531 | NRSA63J-182X | MG R | 1.8kΩ 1/16W J | |
| | R1003 | NRSA63J-392X | MG R | 3.9kΩ 1/16W J | | △ | R1532 | QRZ9017-4R7 | F R | 4.7Ω 1/4W J | |
| | R1004 | NRSA63J-221X | MG R | 220Ω 1/16W J | | | R1541 | QRE121J-124Y | C R | 120kΩ 1/2W J | |
| | R1005 | NRSA63J-273X | MG R | 27kΩ 1/16W J | | | R1542 | QRE121J-124Y | C R | 120kΩ 1/2W J | |
| | R1006 | NRSA63J-750X | MG R | 75Ω 1/16W J | | | R1543 | QRE121J-471Y | C R | 470Ω 1/2W J | |
| | R1101 | NRSA63J-100X | MG R | 10Ω 1/16W J | | | R1545 | QRE121J-220Y | C R | 22Ω 1/2W J | |
| | R1102 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | | | R1546 | QRE121J-822Y | C R | 8.2kΩ 1/2W J | |
| | R1103 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | | △ | R1547 | QRZ9011-4R7 | F R | 4.7Ω 1/2W J | |
| | R1104 | NRSA63J-181X | MG R | 180Ω 1/16W J | | | R1561 | QRL029J-220 | OM R | 22Ω 2W J | |
| | R1105 | NRSA63J-220X | MG R | 22Ω 1/16W J | | | R1562 | QRE121J-123Y | C R | 12kΩ 1/2W J | |
| | R1106 | NRSA63J-101X | MG R | 100Ω 1/16W J | | | R1563 | QRZ0056-103Z | COMP. R | 10kΩ 1/2W K | |
| | R1107 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | | | R1591 | QRA14CF-1202Y | CMF R | 12kΩ 1/4W F | |
| | R1108 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1592 | QRZ0225-2R2 | UNF R | 2.2Ω 2W | |
| | R1109 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1593 | NRSA02F-332X | MG R | 3.3kΩ 1/10W F | |
| | R1110 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1594 | QRE121J-183Y | C R | 18kΩ 1/2W J | |
| | R1111 | NRSA63J-102X | MG R | 1kΩ 1/16W J | | | R1595 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| | R1113 | NRSA63J-102X | MG R | 1kΩ 1/16W J | | | R1602 | NRSA63J-271X | MG R | 270Ω 1/16W J | |
| | R1114 | NRSA63J-102X | MG R | 1kΩ 1/16W J | | | R1603 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1115 | NRSA63J-471X | MG R | 470Ω 1/16W J | | | R1604 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1117 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | | R1621 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| | R1150 | NRSA63J-331X | MG R | 330Ω 1/16W J | | | R1622 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| | R1151 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1623 | NRSA63J-473X | MG R | 47kΩ 1/16W J | |
| | R1152 | NRSA63J-121X | MG R | 120Ω 1/16W J | | | R1624 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1153 | NRSA63J-122X | MG R | 1.2kΩ 1/16W J | | | R1625 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1154 | NRSA63J-181X | MG R | 180Ω 1/16W J | | | R1627 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1301 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1628 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1302 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1629 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1303 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | | R1630 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1304 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1650 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1305 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | | R1651 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1306 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | | R1652 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1307 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | | R1653 | NRSA63J-104X | MG R | 100kΩ 1/16W J | |
| | R1308 | NRSA63J-101X | MG R | 100Ω 1/16W J | | | R1654 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1309 | NRSA63J-473X | MG R | 47kΩ 1/16W J | | | R1655 | NRSA63J-104X | MG R | 100kΩ 1/16W J | |
| | R1310 | NRSA63J-473X | MG R | 47kΩ 1/16W J | | | R1656 | QRE121J-2R2Y | C R | 2.2Ω 1/2W J | |
| | R1311 | NRSA63J-123X | MG R | 12kΩ 1/16W J | | | R1657 | QRE121J-2R2Y | C R | 2.2Ω 1/2W J | |
| | R1317 | QRL029J-101 | OM R | 100Ω 2W J | | | R1660 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1401 | NRSA63J-123X | MG R | 12kΩ 1/16W J | | | R1661 | NRSA63J-683X | MG R | 68kΩ 1/16W J | |
| | R1403 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | | R1662 | NRSA63J-333X | MG R | 33kΩ 1/16W J | |
| | R1405 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | | | R1663 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1406 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | | | R1664 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| | R1408 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | | | R1688 | NRSA63J-273X | MG R | 27kΩ 1/16W J | |
| | R1410 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | | | R1690 | NRSA63J-104X | MG R | 100kΩ 1/16W J | |
| | R1411 | QRG01GJ-221 | OM R | 220Ω 1W J | | | R1691 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1412 | QRE121J-1R0Y | C R | 1Ω 1/2W J | | | R1695 | NRSA63J-153X | MG R | 15kΩ 1/16W J | |
| | R1413 | QRX01GJ-1R2 | MF R | 1.2Ω 1W J | | | R1696 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| | R1414 | QRE121J-2R2Y | C R | 2.2Ω 1/2W J | | | R1701 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1425 | NRSA63J-153X | MG R | 15kΩ 1/16W J | | | R1702 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1478 | NRSA63J-101X | MG R | 100Ω 1/16W J | | | R1703 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1479 | NRSA63J-101X | MG R | 100Ω 1/16W J | | | R1704 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1480 | QRE121J-681Y | C R | 680Ω 1/2W J | | | R1705 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1481 | NRSA63J-223X | MG R | 22kΩ 1/16W J | | | R1706 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1482 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | | R1707 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| | R1483 | NRSA63J-823X | MG R | 82kΩ 1/16W J | | | R1708 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| | R1484 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | | R1709 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| | R1485 | NRSA63J-123X | MG R | 12kΩ 1/16W J | | | R1710 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| | R1486 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | | | R1711 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1487 | NRSA63J-333X | MG R | 33kΩ 1/16W J | | | R1712 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1489 | NRSA63J-122X | MG R | 1.2kΩ 1/16W J | | | R1713 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1490 | NRSA63J-102X | MG R | 1kΩ 1/16W J | | | R1714 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1491 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | | R1715 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| | R1492 | NRSA63J-822X | MG R | 8.2kΩ 1/16W J | | | R1716 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1493 | QRE121J-223Y | C R | 22kΩ 1/2W J | | | R1717 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| | R1494 | QRL039J-330 | OM R | 33Ω 3W J | | | R1718 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| | R1521 | NRSA63J-101X | MG R | 100Ω 1/16W J | | | R1719 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| | R1522 | NRSA63J-102X | MG R | 1kΩ 1/16W J | | | R1720 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| | R1523 | QRL039J-151 | OM R | 150Ω 3W J | | | R1721 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| | R1524 | QRL039J-151 | OM R | 150Ω 3W J | | | R1722 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| | R1526 | QRL029J-271 | OM R | 270Ω 2W J | | | R1723 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| | R1527 | QRL039J-103 | OM R | 10kΩ 3W J | | | R1724 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| △ | R1528 | QRZ9021-1R0 | F R | 1Ω 1W J | | | R1725 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |

| △ Symbol No. | Part No. | Part Name | Description | Local | △ Symbol No. | Part No. | Part Name | Description | Local |
|-----------------|--------------|-----------|---------------|-------|------------------|--------------|-----------|----------------|-------|
| RESISTOR | | | | | RESISTOR | | | | |
| R1726 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | | R1903 | QRL039J-393 | OM R | 39kΩ 3W J | |
| R1727 | NRSA63J-104X | MG R | 100kΩ 1/16W J | | R1904 | QRE121J-221Y | C R | 220Ω 1/2W J | |
| R1728 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1905 | QRM034J-R10 | MP R | 0.1Ω 3W J | |
| R1730 | NRSA63J-223X | MG R | 22kΩ 1/16W J | | R1906 | QRE141J-1R5Y | C R | 1.5Ω 1/4W J | |
| R1731 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1908 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1732 | NRSA02F-393X | MG R | 39kΩ 1/10W F | | R1911 | QRE121J-152Y | C R | 1.5kΩ 1/2W J | |
| R1733 | NRSA63J-273X | MG R | 27kΩ 1/16W J | | R1912 | QRE121J-123Y | C R | 12kΩ 1/2W J | |
| R1734 | NRSA63J-391X | MG R | 390Ω 1/16W J | | △ R1913 | QRZ9017-100 | F R | 10Ω 1/4W J | |
| R1735 | NRSA63J-104X | MG R | 100kΩ 1/16W J | | R1914 | QRL039J-473 | OM R | 47kΩ 3W J | |
| R1736 | NRSA63J-333X | MG R | 33kΩ 1/16W J | | R1915 | NRSA63J-823X | MG R | 82kΩ 1/16W J | |
| R1737 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | | R1916 | NRSA63J-154X | MG R | 150kΩ 1/16W J | |
| R1738 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1951 | QRE121J-223Y | C R | 22kΩ 1/2W J | |
| R1739 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1952 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1740 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1953 | QRE121J-152Y | C R | 1.5kΩ 1/2W J | |
| R1741 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1954 | QRE121J-150W | C R | 15Ω 1/2W J | |
| R1742 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | R1955 | QRG01GJ-330 | OM R | 33Ω 1W J | |
| R1744 | NRSA63J-561X | MG R | 560Ω 1/16W J | | R1956 | QRE121J-120Y | C R | 12Ω 1/2W J | |
| R1745 | NRSA63J-105X | MG R | 1MΩ 1/16W J | | R1957 | QRE121J-5R6Y | C R | 5.6Ω 1/2W J | |
| R1746 | NRSA63J-333X | MG R | 33kΩ 1/16W J | | R1958 | QRL039J-820 | OM R | 82Ω 3W J | |
| R1747 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1959 | QRE121J-820Y | C R | 82Ω 1/2W J | |
| R1748 | NRSA02J-225X | MG R | 2.2MΩ 1/10W J | | R1960 | NRSA63J-391X | MG R | 390Ω 1/16W J | |
| R1749 | NRSA02J-185X | MG R | 1.8MΩ 1/10W J | | R1961 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R1750 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | R1962 | NRSA63J-681X | MG R | 680Ω 1/16W J | |
| R1755 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1963 | QRE121J-332Y | C R | 3.3kΩ 1/2W J | |
| R1756 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1964 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1757 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | R1965 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R1758 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | R1966 | NRSA63J-223X | MG R | 22kΩ 1/16W J | |
| R1790 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | R1967 | NRSA63J-473X | MG R | 47kΩ 1/16W J | |
| R1803 | NRSA63J-333X | MG R | 33kΩ 1/16W J | | R1968 | NRSA63J-331X | MG R | 330Ω 1/16W J | |
| R1804 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1969 | QRT029J-1R5 | MF R | 1.5Ω 2W J | |
| R1805 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1970 | NRSA63J-153X | MF R | 15kΩ 1/16W J | |
| R1806 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1971 | NRSA63J-183X | MG R | 18kΩ 1/16W J | |
| R1807 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1972 | QRE121J-182Y | C R | 1.8kΩ 1/2W J | |
| R1808 | NRSA63J-823X | MG R | 82kΩ 1/16W J | | R1973 | QRE121J-332Y | C R | 3.3kΩ 1/2W J | |
| R1809 | NRSA63J-391X | MG R | 390Ω 1/16W J | | R1974 | QRT029J-1R2 | MG R | 1.2Ω 2W J | |
| R1810 | NRSA63J-823X | MG R | 82kΩ 1/16W J | | △ R1991 | QRZ0057-825 | C R | 8.2MΩ 1W J | |
| R1811 | NRSA63J-391X | MG R | 390Ω 1/16W J | | CAPACITOR | | | | |
| R1812 | NRSA63J-104X | MG R | 100kΩ 1/16W J | | C1001 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1813 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1002 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| R1815 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1003 | QFV71HJ-104Z | MF CAP. | 0.1μF 50V J | |
| R1818 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1004 | QETN1CM-477Z | E CAP. | 470μF 16V M | |
| R1820 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1005 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| R1821 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1006 | QETN1CM-336Z | E CAP. | 33μF 16V M | |
| R1823 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1007 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1824 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1101 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1826 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1102 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1829 | NRSA63J-750X | MG R | 75Ω 1/16W J | | C1103 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1830 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1104 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1831 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1105 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1832 | NRSA63J-391X | MG R | 390Ω 1/16W J | | C1106 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1833 | NRSA63J-331X | MG R | 330Ω 1/16W J | | C1107 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1834 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | C1108 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1835 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | C1109 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| R1836 | NRSA63J-750X | MG R | 75Ω 1/16W J | | C1150 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1837 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1151 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1838 | QRK126J-121X | UNF R | 120Ω 1/2W J | | C1301 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| R1839 | QRE121J-221Y | C R | 220Ω 1/2W J | | C1302 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| R1840 | QRE121J-221Y | C R | 220Ω 1/2W J | | C1304 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1841 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | C1305 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1842 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | C1306 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| R1843 | NRSA63J-821X | MG R | 820Ω 1/16W J | | C1307 | NDC31HJ-330X | C CAP. | 33pF 50V J | |
| R1844 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1308 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1845 | NRSA63J-102X | MG R | 1kΩ 1/16W J | | C1401 | QETN1HM-336Z | E CAP. | 33μF 50V M | |
| R1846 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1402 | QCB31HK-682Z | C CAP. | 6800pF 50V K | |
| R1847 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | C1403 | QEH1VM-107Z | E CAP. | 100μF 35V M | |
| R1848 | NRSA63J-221X | MG R | 220Ω 1/16W J | | C1406 | QFLC2AJ-683Z | C CAP. | 0.068μF 100V J | |
| R1849 | NRSA63J-471X | MG R | 470Ω 1/16W J | | C1407 | QCS32HJ-180Z | C CAP. | 18pF 500V J | |
| R1880 | NRSA63J-202X | MG R | 2kΩ 1/16W J | | C1411 | NCF21HZ-334X | C CAP. | 0.33μF 50V Z | |
| R1881 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | C1412 | NCF21HZ-334X | C CAP. | 0.33μF 50V Z | |
| R1882 | NRSA63J-181X | MG R | 180Ω 1/16W J | | | | | | |
| R1883 | NRSA63J-471X | MG R | 470Ω 1/16W J | | | | | | |
| R1902 | QRF154K-2R2 | UNF R | 2.2Ω 15W K | | | | | | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|------------------|--------------|-----------|-------------------|-------|
| CAPACITOR | | | | |
| C1413 | QFLC2AJ-563Z | M CAP. | 0.056μF 100V J | |
| C1422 | QEHQ1VM-108 | E CAP. | 1000μF 35V M | |
| C1471 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1480 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1483 | QEZ0195-475Z | BP E CAP. | 4.7μF 50V M | |
| C1485 | QETN1HM-226Z | E CAP. | 22μF 50V M | |
| C1521 | QETN1VM-476Z | E CAP. | 47μF 35V M | |
| C1522 | QFLC1HJ-332Z | M CAP. | 3300pF 50V J | |
| C1523 | QFLC1HJ-223Z | M CAP. | 0.022μF 50V J | |
| C1524 | QFZ0196-382 | MPP CAP. | 3800pF 1.5kVH±3% | |
| C1525 | QFZ0200-143 | MPP CAP. | 0.014μF 1.5kVH±3% | |
| C1526 | QFP32JJ-223 | PP CAP. | 0.022μF 630V J | |
| C1527 | QFZ0199-224 | MPP CAP. | 0.22μF AC250V J | |
| C1528 | QFZ0199-224 | MPP CAP. | 0.22μF AC250V J | |
| C1529 | QENC2AM-225Z | BP E CAP. | 2.2μF 100V M | |
| C1530 | QCB32HK-561Z | C CAP. | 560pF 500V K | |
| C1531 | QEHR1EM-108Z | E CAP. | 1000μF 25V M | |
| C1532 | QCB32HK-561Z | C CAP. | 560pF 500V K | |
| C1533 | QEHR1EM-108Z | E CAP. | 1000μF 25V M | |
| C1534 | QCB32HK-561Z | C CAP. | 560pF 500V K | |
| C1536 | QFLC1HJ-103Z | M CAP. | 0.01μF 50V J | |
| C1540 | QFV71HJ-104Z | MF CAP. | 0.1μF 50V J | |
| C1541 | QETN2EM-106Z | E CAP. | 10μF 250V M | |
| C1550 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1561 | QFV11HJ-683Z | MF CAP. | 0.068μF 50V J | |
| C1566 | QFZ0200-113 | MPP CAP. | 0.011μF 1.5kVH±3% | |
| C1591 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1592 | QETM2CM-227 | E CAP. | 220μF 160V M | |
| C1593 | QETN1EM-476Z | E CAP. | 47μF 25V M | |
| C1602 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1603 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1604 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1606 | NDC31HJ-2R0X | C CAP. | 2.0pF 50V J | |
| C1607 | NDC31HJ-2R0X | C CAP. | 2.0pF 50V J | |
| C1608 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1609 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1610 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1611 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1612 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1613 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1615 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1616 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1617 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1618 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1619 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1620 | NCB31HK-102X | C CAP. | 1000pF 50V K | |
| C1621 | NCB31HK-102X | C CAP. | 1000pF 50V K | |
| C1625 | NCF21EZ-474X | C CAP. | 0.47μF 25V Z | |
| C1626 | NCB31HK-333X | CH C CAP. | 0.033μF 50V K | |
| C1627 | NCB31HK-473X | CH C CAP. | 0.047μF 50V K | |
| C1628 | NCB31HK-223X | C CAP. | 0.022μF 50V K | |
| C1629 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1630 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1631 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1632 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1633 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1634 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1635 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1636 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1637 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1638 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1639 | QETN1HM-107Z | E CAP. | 100μF 50V M | |
| C1640 | NCF21HZ-334X | C CAP. | 0.33μF 50V Z | |
| C1641 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1643 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1644 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1645 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1646 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1647 | NCF21EZ-474X | C CAP. | 0.47μF 25V Z | |
| C1648 | NCB31HK-153X | C CAP. | 0.015μF 50V K | |
| C1649 | NCB31HK-153X | C CAP. | 0.015μF 50V K | |
| C1650 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|------------------|--------------|-----------|---------------|-------|
| CAPACITOR | | | | |
| C1651 | QEHR1HM-107Z | E CAP. | 100μF 50V M | |
| C1652 | QETN1HM-105Z | E CAP. | 1μF 50V M | |
| C1653 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1654 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1655 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1656 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1662 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1681 | QETN1CM-227Z | E CAP. | 220μF 16V M | |
| C1682 | QETN1CM-227Z | E CAP. | 220μF 16V M | |
| C1683 | QETN1CM-336Z | E CAP. | 33μF 16V M | |
| C1684 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1702 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1703 | NDC31HJ-330X | C CAP. | 33pF 50V J | |
| C1704 | NDC31HJ-330X | C CAP. | 33pF 50V J | |
| C1706 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C1707 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1709 | QETN1CM-477Z | E CAP. | 470μF 16V M | |
| C1710 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C1711 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1712 | QETN1CM-476Z | E CAP. | 47μF 16V M | |
| C1713 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1720 | QETN1EM-476Z | E CAP. | 47μF 25V M | |
| C1725 | NCB31HK-681X | C CAP. | 680pF 50V K | |
| C1729 | QETN1CM-476Z | E CAP. | 47μF 16V M | |
| C1730 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C1731 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C1732 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1733 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1734 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1735 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1736 | QETN1HM-105Z | E CAP. | 1μF 50V M | |
| C1737 | QETN1HM-105Z | E CAP. | 1μF 50V M | |
| C1738 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1739 | NFV41CJ-104X | MPP CAP. | 0.1μF 16V J | |
| C1740 | QETN1HM-225Z | E CAP. | 2.2μF 50V M | |
| C1741 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1742 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1743 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1744 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1745 | NCB31HK-473X | CH C CAP. | | |
| C1746 | NCB31HK-473X | CH C CAP. | 0.047μF 50V K | |
| C1747 | NCB31HK-473X | CH C CAP. | 0.047μF 50V K | |
| C1749 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1751 | NCB21HK-104X | C CAP. | 0.1μF 50V K | |
| C1752 | NCB21HK-104X | C CAP. | 0.1μF 50V K | |
| C1753 | NCB21HK-104X | C CAP. | 0.1μF 50V K | |
| C1801 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1802 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1803 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1804 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1805 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1807 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1808 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1810 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1811 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1812 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1813 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1814 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1815 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1817 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1819 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1820 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1821 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1822 | QETN1CM-477Z | E CAP. | 470μF 16V M | |
| C1823 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1824 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1825 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1826 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1827 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1829 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1830 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1831 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |

| △ | Symbol No. | Part No. | Part Name | Description | Local | △ | Symbol No. | Part No. | Part Name | Description | Local |
|--------------------|------------|--------------|------------------|---------------|-------|-------------------|------------|----------------|------------------|-------------|---------|
| CAPACITOR | | | | | | DIODE | | | | | |
| | C1833 | QETN1HM-226Z | E CAP. | 22μF 50V | M | | D1101 | DAN235K-X | SI. DIODE | | |
| | C1834 | NDC31HJ-181X | C CAP. | 180pF 50V | J | | D1301 | MTZJ5.1B-T2 | ZENER DIODE | | |
| △ | C1902 | QFZ9075-104 | MPP CAP. | 0.1μF | | | D1401 | RGP10J-5025-T3 | SI. DIODE | | |
| | C1903 | QCZ9015-102Z | C CAP. | 1000pF AC250V | Z | | D1402 | MTZJ75-T2 | ZENER DIODE | | |
| | C1904 | QCZ9015-102Z | C CAP. | 1000pF AC250V | Z | | D1405 | 1N4003-T2 | SI. DIODE | | |
| | C1905 | QCZ9015-102Z | C CAP. | 1000pF AC250V | Z | | D1408 | MA111-X | SI. DIODE | | |
| | C1907 | QEZ0371-337 | E CAP. | 330μF 400V | M | | D1480 | MTZJ4.3A-T2 | ZENER DIODE | | |
| | C1909 | QCZ0325-102 | C CAP. | 1000pF 2000V | K | | D1521 | RH3G-F1 | SI. DIODE | | |
| | C1910 | NDC31HJ-102X | C CAP. | 1000pF 50V | J | | D1522 | 31DF6N-FC5 | SI. DIODE | | |
| | C1911 | QETN1VM-107Z | E CAP. | 100μF 35V | M | | D1523 | RGP10J-5025-T3 | SI. DIODE | | |
| | C1915 | QCB32HK-222Z | C CAP. | 2200pF 500V | K | | D1541 | RGP10J-5025-T3 | SI. DIODE | | |
| | C1916 | QETN1HM-475Z | E CAP. | 4.7μF 50V | M | | D1550 | MA111-X | SI. DIODE | | |
| | C1917 | QCB32HK-181Z | C CAP. | 180pF 500V | K | | D1551 | EU2-T3 | SI. DIODE | | |
| | C1918 | QCB32HK-103 | C CAP. | 0.01μF 500V | K | | D1553 | RGP10J-5025-T3 | SI. DIODE | | |
| | C1919 | QCZ0325-151 | C CAP. | 150pF 2000V | K | | D1554 | RGP10J-5025-T3 | SI. DIODE | | |
| | C1920 | QCZ0122-471 | C CAP. | 470pF 2000V | K | | D1592 | MA3075/H-X | ZENER DIODE | | |
| | C1921 | QFN31HJ-473Z | M CAP. | 0.047μF 50V | J | | D1652 | MA3330/L/-X | ZENER DIODE | | |
| | C1922 | QETN2AM-226Z | E CAP. | 22μF 100V | M | | D1653 | MA3330/L/-X | ZENER DIODE | | |
| | C1952 | QCB32HK-471Z | C CAP. | 470pF 500V | K | | D1655 | MA111-X | SI. DIODE | | |
| | C1953 | QEHQ1VM-228 | E CAP. | 2200μF 35V | M | | D1657 | MA111-X | SI. DIODE | | |
| | C1955 | QCB32HK-471Z | C CAP. | 470pF 500V | K | | D1701 | MA111-X | SI. DIODE | | |
| | C1956 | QETN1VM-107Z | E CAP. | 100μF 35V | M | | D1702 | MA3020-X | ZENER DIODE | | |
| | C1957 | QCB31HK-471Z | C CAP. | 470pF 50V | K | | D1703 | MA3036-X | ZENER DIODE | | |
| | C1958 | QEHR1CM-108Z | E CAP. | 1000μF 16V | M | | D1730 | MA111-X | SI. DIODE | | |
| | C1959 | QCZ0364-561 | C CAP. | 560pF | | | D1731 | MA111-X | SI. DIODE | | |
| | C1960 | QEZ0203-227 | E CAP. | 220μF 160V | M | | D1732 | MA111-X | SI. DIODE | | |
| | C1961 | QETN1CM-476Z | E CAP. | 47μF 16V | M | | D1733 | MA111-X | SI. DIODE | | |
| | C1962 | QETN1HM-106Z | E CAP. | 10μF 50V | M | | D1801 | MA3120/M/-X | ZENER DIODE | | |
| | C1963 | QETN1CM-477Z | E CAP. | 470μF 16V | M | | D1802 | MA3120/M/-X | ZENER DIODE | | |
| | C1964 | QETN1EM-476Z | E CAP. | 47μF 25V | M | | D1901 | GSIB460 | BRIDGE DIODE | | |
| | C1965 | QETN1VM-476Z | E CAP. | 47μF 35V | M | | D1902 | MTZJ33B-T2 | SI. DIODE | | |
| | C1966 | QETN1CM-107Z | E CAP. | 100μF 16V | M | | D1906 | MTZJ27B-T2 | ZENER DIODE | | |
| | C1968 | NCB31CK-104X | C CAP. | 0.1μF 16V | K | | D1909 | 1SS133-T2 | SI. DIODE | | |
| | C1970 | QETN1CM-107Z | E CAP. | 100μF 16V | M | | D1911 | RGP10J-5025-T3 | SI. DIODE | | |
| | C1972 | QETN1EM-476Z | E CAP. | 47μF 25V | M | | D1912 | RGP10J-5025-T3 | SI. DIODE | | |
| | C1974 | NCB31CK-104X | C CAP. | 0.1μF 16V | K | | D1913 | RGP10M-5010-T3 | SI. DIODE | | |
| | C1975 | QETN1CM-227Z | E CAP. | 220μF 16V | M | | D1914 | NRSA63J-0R0X | MG R | 0.0Ω | 1/16W J |
| | C1977 | QETN1EM-476Z | E CAP. | 47μF 25V | M | | D1915 | MTZJ39B-T2 | ZENER DIODE | | |
| | C1978 | NCB21HK-104X | C CAP. | 0.1μF 50V | K | | D1916 | MTZJ15B-T2 | ZENER DIODE | | |
| | C1980 | QETN1CM-107Z | E CAP. | 100μF 16V | M | | D1917 | 1SS133-T2 | SI. DIODE | | |
| | C1981 | NCB31HK-102X | C CAP. | 1000pF 50V | K | | D1919 | 1SS133-T2 | SI. DIODE | | |
| | C1982 | QETN1CM-476Z | E CAP. | 47μF 16V | M | | D1920 | MTZJ15B-T2 | ZENER DIODE | | |
| | C1983 | QETN1CM-227Z | E CAP. | 220μF 16V | M | | D1950 | RGP10J-5025-T3 | SI. DIODE | | |
| △ | C1991 | QCZ9079-102 | C CAP. | 1000pF AC250V | M | | D1952 | ERC30-Q2L38 | SI. DIODE | | |
| △ | C1992 | QCZ9079-102 | C CAP. | 1000pF AC250V | M | | D1953 | RGP10J-5025-T3 | SI. DIODE | | |
| △ | C1993 | QCZ9079-471 | C CAP. | 470pF AC250V | K | | D1954 | RU30A-F1 | SI. DIODE | | |
| | | | | | | | D1955 | 1SR35-400A-T2 | SI. DIODE | | |
| | | | | | | | D1956 | 31DF6N-FC5 | SI. DIODE | | |
| | | | | | | | D1958 | MTZJ5.1A-T2 | ZENER DIODE | | |
| | | | | | | | D1960 | MA111-X | SI. DIODE | | |
| | | | | | | | D1964 | MA3330/L/-X | ZENER DIODE | | |
| | | | | | | | D1966 | MA3047/L/-X | ZENER DIODE | | |
| | | | | | | | D1968 | MA111-X | SI. DIODE | | |
| | | | | | | | D1969 | MA111-X | SI. DIODE | | |
| | | | | | | | D1970 | MTZJ9.1B-T2 | ZENER DIODE | | |
| | | | | | | | D1971 | NRSA02J-0R0X | MG R | 0.0Ω | 1/10W J |
| TRANSFORMER | | | | | | TRANSISTOR | | | | | |
| | T1521 | QQR1229-001 | DRIVE TRANSF | | | | Q1101 | 2SC5083/L-P/-T | TRANSISTOR | | |
| △ | T1551 | QQH0139-001 | FBT(HV WIRELESS) | | | | Q1102 | UN2212-X | DIGI. TRANSISTOR | | |
| | T1561 | QQR1153-001 | DEF TRANSF | | | | Q1103 | UN2212-X | DIGI. TRANSISTOR | | |
| △ | T1901 | QQS0110-001 | SW TRANSF | | | | Q1104 | 2SB709A/QR/-X | TRANSISTOR | | |
| COIL | | | | | | | Q1105 | 2SD601A/QR/-X | TRANSISTOR | | |
| | L1001 | QQL244K-8R2Z | COIL | 8.2μH | K | | Q1106 | 2SB709A/QR/-X | TRANSISTOR | | |
| | L1002 | QQL244K-8R2Z | COIL | 8.2μH | K | | Q1107 | UN2212-X | DIGI. TRANSISTOR | | |
| | L1101 | QQL244J-5R6Z | COIL | 5.6μH | J | | Q1108 | 2SD601A/QR/-X | TRANSISTOR | | |
| | L1102 | QQL244K-180Z | COIL | 18μH | J | | | | | | |
| | L1301 | QQL244K-221Z | PEAKING COIL | 220μH | K | | | | | | |
| | L1401 | QQL26AK-220Z | COIL | 22μH | K | | | | | | |
| | L1480 | QQR1138-001 | CHOKE COIL | | | | | | | | |
| | L1523 | QQR1243-001 | LINEARITY COIL | | | | | | | | |
| | L1541 | QQL244K-220Z | COIL | 22μH | K | | | | | | |
| | L1561 | QQLZ028-272 | COIL | 2.7μH | | | | | | | |
| | L1601 | QQL244K-4R7Z | COIL | 4.7μH | K | | | | | | |
| | L1701 | QQL244K-100Z | COIL | 10μH | K | | | | | | |
| | L1702 | QQL244K-100Z | COIL | 10μH | K | | | | | | |
| | L1731 | QQL244J-101Z | COIL | 100μH | J | | | | | | |
| | L1951 | QQLZ034-460 | COIL | 46μH | | | | | | | |
| | L1953 | QQL244J-5R6Z | COIL | 5.6μH | J | | | | | | |
| | L1954 | QQL26AK-820Z | COIL | 82μH | K | | | | | | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|-------------------|-----------------|------------------|-------------|-------|
| TRANSISTOR | | | | |
| Q1109 | UN2212-X | DIGI. TRANSISTOR | | |
| Q1110 | UN2212-X | DIGI. TRANSISTOR | | |
| Q1150 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q1301 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1302 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1303 | UN2212-X | DIGI. TRANSISTOR | | |
| Q1304 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q1480 | 2SD1408/OY/-LB | POWER TRANSISTOR | | |
| Q1521 | 2SC2655/Y/-T | TRANSISTOR | | |
| Q1522 | 2SD2634-YD | POWER TRANSISTOR | | |
| Q1591 | 2SA1208/ST/Z1-T | TRANSISTOR | | |
| Q1592 | UN2212-X | DIGI. TRANSISTOR | | |
| Q1660 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q1661 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q1683 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1684 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1685 | DTC323TK-X | DIGI. TRANSISTOR | | |
| Q1686 | DTC323TK-X | DIGI. TRANSISTOR | | |
| Q1701 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1702 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1720 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1801 | DTC323TK-X | DIGI. TRANSISTOR | | |
| Q1802 | DTC323TK-X | DIGI. TRANSISTOR | | |
| Q1803 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1804 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q1860 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q1861 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1862 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1901 | 2SC3852A | POWER TRANSISTOR | | |
| Q1951 | 2SA1013/RO/-T | TRANSISTOR | | |
| Q1952 | 2SC2412K/QR/-X | TRANSISTOR | | |
| Q1953 | 2SC2412K/QR/-X | TRANSISTOR | | |
| Q1954 | 2SC2412K/QR/-X | TRANSISTOR | | |
| Q1955 | 2SC2412K/QR/-X | TRANSISTOR | | |

IC

| | | | | |
|--------|-----------------|-----------------|-----------|--|
| IC1301 | TDA9181T/N1-X | I.C(MONO-ANA) | | |
| IC1401 | LA78041 | I.C(MONO-ANA) | | |
| IC1461 | JLC1562BF-X | I.C(DIGI-MOS) | | |
| IC1480 | UPC358G2-XE | I.C(MONOLITHIC) | | |
| IC1601 | MSP3417G-X | I.C(MONO-ANA) | | |
| IC1602 | NJW1136G-X | I.C(MONO-ANA) | | |
| IC1650 | AN5277 | I.C(MONO-ANA) | | |
| IC1701 | TDA9365N23S0873 | I.C(MCU) | | |
| IC1702 | AT24C08-21WS3 | I.C(MEMORY-OTH) | (SERVICE) | |
| IC1801 | MM1492AF | I.C(MONO-ANA) | | |
| IC1901 | STR-F6256S-F7 | I.C(HYBRID) | | |
| IC1951 | SE135N | I.C(HYBRID) | | |
| IC1972 | L88M33T-X | I.C(MONO-ANA) | | |
| IC1973 | BA17812T | I.C(MONO-ANA) | | |
| IC1974 | BA51W12ST-V5 | I.C(MONO-ANA) | | |

OTHERS

| | | | | |
|----------|--------------|---------------|--|--|
| △ CF1103 | QAX0639-001Z | C TRAP | | |
| △ CP1951 | ICP-N75-Y | IC PROTECTOR | | |
| △ CP1952 | ICP-N38-Y | IC PROTECTOR | | |
| △ CP1953 | ICP-N38-Y | IC PROTECTOR | | |
| J1801 | QNN0349-001 | PIN JACK | | |
| J1802 | QNN0349-002 | PIN JACK | | |
| J1803 | QNN0348-001 | PIN JACK | | |
| J1804 | QNN0349-001 | PIN JACK | | |
| K1705 | QQR1214-001Y | FERRITE BEADS | | |
| K1901 | QQR1214-001Y | FERRITE BEADS | | |
| K1902 | QQR1214-001Y | FERRITE BEADS | | |
| K1903 | QQR1214-001Y | FERRITE BEADS | | |
| K1951 | QQR1214-001Y | FERRITE BEADS | | |
| K1953 | QQR1214-001Y | FERRITE BEADS | | |
| K1954 | QQR1214-001Y | FERRITE BEADS | | |
| K1955 | QQR1214-001Y | FERRITE BEADS | | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|---------------|--------------|------------------|--------------|-------|
| OTHERS | | | | |
| △ LF1901 | QQR1356-001 | LINE FILTER | | |
| △ PC1901 | PC123F2 | IC(PHOTO COUPLE) | | |
| △ RY1901 | QSK0061-001 | RELAY | | |
| SF1101 | QAX0663-001 | SAW FILTER | | |
| SF1102 | QAX0731-001 | SAW FILTER | | |
| TH1901 | QAD0145-2R3 | P THERMISTOR | | |
| TU1001 | QAU0185-005 | TUNER | | |
| W1010 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1031 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1239 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1257 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1306 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1307 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1309 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1321 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1325 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1326 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1334 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1379 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1383 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1386 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1395 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1397 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1405 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1418 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1423 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| W1428 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| X1601 | CE42546-001Z | X TAL | | |
| X1701 | QAX0737-001 | CRYSTAL | | |
| Y1004 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| Y1602 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| Y1603 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |

CRT SOCKET PW BOARD ASS'Y (SCH-3005A-H2)

| △ Symbol No. | Part No. | Part Name | Description | Local |
|-----------------|--------------|-----------|---------------|-------|
| RESISTOR | | | | |
| R3101 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R3102 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3103 | NRSA63J-153X | MG R | 15kΩ 1/16W J | |
| R3104 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R3105 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3106 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | |
| R3107 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R3108 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3109 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R3110 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3111 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3112 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3113 | NRSA63J-563X | MG R | 56kΩ 1/16W J | |
| R3120 | QRE121J-101Y | C R | 100Ω 1/2W J | |
| R3121 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3122 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3123 | QRE121J-152Y | C R | 1.5kΩ 1/2W J | |
| R3124 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R3125 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3126 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3127 | QRE121J-152Y | C R | 1.5kΩ 1/2W J | |
| R3128 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R3129 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3130 | NRSA63J-101X | MG R | 100Ω 1/16W J | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|-----------------|--------------|-----------|---------------|-------|
| RESISTOR | | | | |
| R3131 | QRE121J-152Y | C R | 1.5kΩ 1/2W J | |
| R3132 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R3133 | NRSA63J-470X | MG R | 47Ω 1/16W J | |
| R3134 | NRSA63J-392X | MG R | 3.9kΩ 1/16W J | |
| R3135 | NRSA63J-332X | MG R | 3.3kΩ 1/16W J | |
| R3136 | NRSA63J-470X | MG R | 47Ω 1/16W J | |
| R3137 | NRSA63J-470X | MG R | 47Ω 1/16W J | |
| R3138 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R3139 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R3140 | QRZ0107-102Z | C R | 1kΩ 1W K | |
| R3141 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R3143 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R3144 | QRZ0107-102Z | C R | 1kΩ 1W K | |
| R3145 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R3146 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R3147 | QRZ0107-102Z | C R | 1kΩ 1W K | |
| R3148 | QRE121J-124Y | C R | 120kΩ 1/2W J | |
| R3149 | QRE121J-102Y | C R | 1kΩ 1/2W J | |
| R3151 | QRE121J-124Y | C R | 120kΩ 1/2W J | |
| R3152 | QRE121J-102Y | C R | 1kΩ 1/2W J | |
| R3153 | QRE121J-124Y | C R | 120kΩ 1/2W J | |
| R3154 | QRE121J-102Y | C R | 1kΩ 1/2W J | |
| R3155 | QRE121J-474Y | C R | 470kΩ 1/2W J | |
| R3157 | QRZ0107-474Z | C R | 470kΩ 1W K | |
| R3161 | QRE121J-333Y | MG R | 33kΩ 1/2W J | |
| R3164 | QRE121J-560X | C R | 56Ω 1/2W J | |
| R3166 | QRE121J-333Y | C R | 33kΩ 1/2W J | |
| R3167 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R3168 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R3170 | NRSA63J-332X | MG R | 3.3kΩ 1/16W J | |
| R3171 | NRSA63J-681X | MG R | 680Ω 1/16W J | |
| R3172 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R3173 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R3174 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R3211 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R3212 | NRSA63J-153X | MG R | 15kΩ 1/16W J | |
| R3213 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R3214 | NRSA63J-152X | MG R | 1.5kΩ 1/16W J | |
| R3215 | NRSA63J-680X | MG R | 68Ω 1/16W J | |
| R3216 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| △ R3217 | QRJ146J-100X | UNF R | 10Ω 1/4W J | |
| R3221 | NRSA63J-470X | MG R | 47Ω 1/16W J | |
| R3222 | NRSA63J-470X | MG R | 47Ω 1/16W J | |
| R3224 | NRSA63J-122X | MG R | 1.2kΩ 1/16W J | |
| R3225 | QRE121J-563Y | C R | 56kΩ 1/2W J | |
| R3226 | QRE121J-563Y | C R | 56kΩ 1/2W J | |
| R3227 | NRSA63J-122X | MG R | 1.2kΩ 1/16W J | |
| R3228 | NRSA63J-390X | MG R | 39Ω 1/16W J | |
| R3229 | QRE121J-2R7Y | C R | 2.7Ω 1/2W J | |
| R3230 | QRE121J-2R7Y | C R | 2.7Ω 1/2W J | |
| R3231 | NRSA63J-390X | MG R | 39Ω 1/16W J | |
| R3232 | QRE121J-121Y | C R | 120Ω 1/2W J | |
| R3233 | QRL029J-391 | OM R | 390Ω 2W J | |
| R3251 | NRSA63J-822X | MG R | 8.2kΩ 1/16W J | |
| R3252 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R3253 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3254 | NRSA63J-563X | MG R | 56kΩ 1/16W J | |
| R3255 | NRSA63J-223X | MG R | 22kΩ 1/16W J | |
| R3256 | NRSA63J-681X | MG R | 680Ω 1/16W J | |
| R3257 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3258 | NRSA63J-182X | MG R | 1.8kΩ 1/16W J | |
| R3259 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3260 | NRSA63J-271X | MG R | 270Ω 1/16W J | |
| R3261 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3262 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3263 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R3264 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R3265 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3266 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R3267 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3268 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R3269 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|------------------|--------------|-------------|----------------|-------|
| RESISTOR | | | | |
| R3270 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R3271 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3272 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R3273 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R3274 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R3275 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| CAPACITOR | | | | |
| C3101 | QETN1CM-477Z | E CAP. | 470μF 16V M | |
| C3107 | QETM2EM-106 | E CAP. | 10μF 250V M | |
| C3108 | QETM2EM-476 | E CAP. | 47μF 250V M | |
| C3110 | QCZ0131-222 | C CAP. | 2200pF 2000V K | |
| C3114 | QCS31HJ-151Z | C CAP. | 150pF 50V J | |
| C3115 | QETN1CM-476Z | E CAP. | 47μF 16V M | |
| C3116 | NCB21HK-331X | C CAP. | 330pF 50V K | |
| C3117 | NCS21HJ-271X | C CAP. | 270pF 50V J | |
| C3118 | NCS21HJ-271X | C CAP. | 270pF 50V J | |
| C3119 | QFLC1HJ-104Z | M CAP. | 0.1μF 50V J | |
| C3120 | QETN1HM-105Z | E CAP. | 1μF 50V M | |
| C3121 | NCB31HK-102X | C CAP. | 1000pF 50V K | |
| C3204 | NDC31HJ-561X | C CAP. | 560pF 50V J | |
| C3205 | QETN1HM-335Z | E CAP. | 3.3μF 50V M | |
| C3206 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C3207 | QCS31HJ-5R0Z | C CAP. | 5.0pF 50V J | |
| C3209 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C3211 | NDC31HJ-391X | C CAP. | 390pF 50V J | |
| C3212 | QCB32HK-472Z | C CAP. | 4700pF 500V K | |
| C3213 | NDC31HJ-561X | C CAP. | 560pF 50V J | |
| C3214 | QETN2CM-106Z | E CAP. | 10μF 160V M | |
| C3215 | QCB32HK-472Z | C CAP. | 4700pF 500V K | |
| C3216 | QETN2CM-106Z | E CAP. | 10μF 160V M | |
| C3217 | QETN1AM-107Z | E CAP. | 100μF 10V M | |
| C3218 | QETN1AM-107Z | E CAP. | 100μF 10V M | |
| C3219 | QETN1AM-337Z | E CAP. | 330μF 10V M | |
| C3220 | QCS32HJ-680Z | C CAP. | 68pF 500V J | |
| C3251 | QENC1HM-105Z | BP E CAP. | 1μF 50V M | |
| C3252 | NDC31HJ-151X | C CAP. | 150pF 50V J | |
| C3253 | NDC31HJ-560X | C CAP. | 56pF 50V J | |
| C3255 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C3264 | QETN1AM-107Z | E CAP. | 100μF 10V M | |
| C3265 | QETN1AM-107Z | E CAP. | 100μF 10V M | |
| C3266 | QETN1AM-107Z | E CAP. | 100μF 10V M | |
| C3267 | QETN1CM-227Z | E CAP. | 220μF 16V M | |
| COIL | | | | |
| L3121 | QQL244J-5R6Z | COIL | 5.6μH J | |
| L3122 | QQL2034-220 | COIL | 22μH J | |
| L3251 | QQL244K-150Z | COIL | 15μH K | |
| DIODE | | | | |
| D3107 | MA111-X | SI. DIODE | | |
| D3108 | MA3075/H/-X | ZENER DIODE | | |
| D3109 | MA3051/H/-X | ZENER DIODE | | |
| D3110 | MA111-X | SI. DIODE | | |
| D3111 | MA3051/H/-X | ZENER DIODE | | |
| D3112 | MA111-X | SI. DIODE | | |
| D3113 | MA3051/H/-X | ZENER DIODE | | |
| D3114 | MA111-X | SI. DIODE | | |
| D3119 | 1SS244-T2 | SI. DIODE | | |
| D3121 | 1SS244-T2 | SI. DIODE | | |
| D3123 | 1SS244-T2 | SI. DIODE | | |
| D3124 | 1N4003-T2 | SI. DIODE | | |
| D3125 | 1N4003-T2 | SI. DIODE | | |
| D3126 | 1N4003-T2 | SI. DIODE | | |
| D3127 | MA111-X | SI. DIODE | | |
| D3131 | MTZJ75-T2 | ZENER DIODE | | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|--------------|-----------------|------------------|--------------|-------|
| DIODE | | | | |
| D3132 | MA3043-X | ZENER DIODE | | |
| D3141 | MTZJ30A-T2 | ZENER DIODE | | |
| D3142 | MTZJ30A-T2 | ZENER DIODE | | |
| D3143 | MTZJ30A-T2 | ZENER DIODE | | |
| D3201 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| D3202 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| D3203 | RGP10J-5025-T3 | SI. DIODE | | |
| D3204 | RGP10J-5025-T3 | SI. DIODE | | |
| TRANSISTOR | | | | |
| Q3101 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3102 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3103 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3104 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3105 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3106 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3121 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3122 | 2SA933AS/QR/-T | TRANSISTOR | | |
| Q3123 | 2SC4075/DE/YA11 | POWER TRANSISTOR | | |
| Q3124 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3125 | 2SC4075/DE/YA11 | POWER TRANSISTOR | | |
| Q3126 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3127 | 2SC4075/DE/YA11 | POWER TRANSISTOR | | |
| Q3128 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3129 | 2SC3334-T | TRANSISTOR | | |
| Q3130 | 2SA1321-T | TRANSISTOR | | |
| Q3131 | 2SC3334-T | TRANSISTOR | | |
| Q3132 | 2SA1321-T | TRANSISTOR | | |
| Q3133 | 2SC3334-T | TRANSISTOR | | |
| Q3134 | 2SA1321-T | TRANSISTOR | | |
| Q3135 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q3204 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3205 | 2SC1740S/QR/-T | TRANSISTOR | | |
| Q3206 | 2SA933AS/QR/-T | TRANSISTOR | | |
| Q3209 | 2SA1837 | POWER TRANSISTOR | | |
| Q3210 | 2SC4793 | POWER TRANSISTOR | | |
| Q3251 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q3252 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3253 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q3261 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q3262 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q3263 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q3264 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3265 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q3266 | 2SD601A/QR/-X | TRANSISTOR | | |
| OTHERS | | | | |
| CL3001 | QZW0027-004 | WIRE CLAMP | | |
| DL3261 | CE41925-001 | DELAY LINE | | |
| DL3262 | CE41925-001 | DELAY LINE | | |
| DL3263 | CE41925-001 | DELAY LINE | | |
| △ FR3201 | QRZ9021-561 | F R | 560Ω 1W J | |
| K3201 | CE41492-001Z | CHOKE COIL | | |
| K3202 | CE41492-001Z | CHOKE COIL | | |
| K3203 | CE41492-001Z | CHOKE COIL | | |
| K3204 | CE41492-001Z | CHOKE COIL | | |
| K3205 | QQR1113-001Z | FERRITE BEADS | | |
| K3206 | QQR1113-001Z | FERRITE BEADS | | |
| K3207 | QQR1113-001Z | FERRITE BEADS | | |
| K3208 | QQR1113-001Z | FERRITE BEADS | | |
| △ SK3001 | CE42670-001 | CRT SOCKET | | |
| W3034 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |

FRONT CONTROL PW BOARD ASS'Y (SCH-8004A-H2)

| △ Symbol No. | Part No. | Part Name | Description | Local |
|--------------|-----------------|-----------------|---------------|-------|
| RESISTOR | | | | |
| R8482 | NRSA63J-124X | MG R | 120kΩ 1/16W J | |
| R8483 | NRSA63J-683X | MG R | 68kΩ 1/16W J | |
| R8484 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R8485 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R8486 | NRSA63J-333X | MG R | 33kΩ 1/16W J | |
| R8487 | NRSA63J-332X | MG R | 3.3kΩ 1/16W J | |
| R8488 | NRSA63J-154X | MG R | 150kΩ 1/16W J | |
| R8489 | NRSA63J-104X | MG R | 100kΩ 1/16W J | |
| R8491 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R8492 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R8495 | NRSA63J-152X | MG R | 1.5kΩ 1/16W J | |
| R8497 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R8499 | QRE121J-561Y | C R | 560Ω 1/2W J | |
| R8801 | NRSA63J-332X | MG R | 3.3kΩ 1/16W J | |
| R8802 | NRSA63J-392X | MG R | 3.9kΩ 1/16W J | |
| R8803 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R8805 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R8807 | NRSA63J-181X | MG R | 180Ω 1/16W J | |
| R8808 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R8809 | NRSA63J-331X | MG R | 330Ω 1/16W J | |
| R8810 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R8811 | NRSA63J-821X | MG R | 820Ω 1/16W J | |
| R8812 | NRSA63J-122X | MG R | 1.2kΩ 1/16W J | |
| R8813 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R8815 | QRE121J-271Y | C R | 270Ω 1/2W J | |
| R8816 | QRE121J-271Y | C R | 270Ω 1/2W J | |
| R8817 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R8818 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R8819 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | |
| R8826 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R8830 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R8831 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| △ R8901 | QRZ0111-474 | C R | 470kΩ 1W K | |
| CAPACITOR | | | | |
| C8481 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C8482 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C8483 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C8484 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C8485 | QETN1EM-476Z | E CAP. | 47μF 25V M | |
| C8487 | QFLC1HJ-103Z | M CAP. | 0.01μF 50V J | |
| C8660 | QETM1VM-108 | E CAP. | 1000μF 35V M | |
| C8661 | QETM1VM-108 | E CAP. | 1000μF 35V M | |
| C8801 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C8802 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C8803 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C8815 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| △ C8901 | QFZ9072-224 | MM CAP. | 0.22μF | |
| COIL | | | | |
| L8401 | QQL244K-820Z | COIL | 82μH K | |
| DIODE | | | | |
| D8801 | MA111-X | SI. DIODE | | |
| D8802 | P1241-04 | PHOTO CONDUCTOR | | |
| D8803 | SLR-342VR-T16 | LED | | |
| TRANSISTOR | | | | |
| Q8481 | 2SC2412K/QR/-X | TRANSISTOR | | |
| Q8801 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| IC | | | | |
| IC8481 | LA6515 | I.C(MONO-ANA) | | |
| IC8801 | GP1UM281QK | IR DETECT UNIT | | |

| △ | Symbol No. | Part No. | Part Name | Description | Local | △ | Symbol No. | Part No. | Part Name | Description | Local |
|---------------|------------|---------------|-------------|--------------|-------|---|------------|----------|-----------|-------------|-------|
| OTHERS | | | | | | | | | | | |
| | | CM35921-005-H | CDS HOLDER | | | | | | | | |
| | | CM36626-B01-H | LED HOLDER | | | | | | | | |
| △ | F8901 | QMF51E2-4R0J4 | FUSE | | | | | | | | |
| | FC8901 | CEMG002-001Z | FUSE CLIP | | | | | | | | |
| | J8302 | QNN0279-003 | PIN JACK | | | | | | | | |
| | J8303 | QNN0279-002 | PIN JACK | | | | | | | | |
| | J8304 | QNN0279-001 | PIN JACK | | | | | | | | |
| | J8801 | QNS0155-001 | 3.5 JACK | | | | | | | | |
| △ | LF8901 | QQR1356-001 | LINE FILTER | | | | | | | | |
| | S8801 | QSW0619-003Z | TACT SWITCH | CH+ | | | | | | | |
| | S8802 | QSW0619-003Z | TACT SWITCH | CH- | | | | | | | |
| | S8803 | QSW0619-003Z | TACT SWITCH | MENU | | | | | | | |
| | S8804 | QSW0619-003Z | TACT SWITCH | TV/VIDEO | | | | | | | |
| | S8805 | QSW0619-003Z | TACT SWITCH | VOL+ | | | | | | | |
| | S8806 | QSW0619-003Z | TACT SWITCH | VOL- | | | | | | | |
| △ | S8901 | QSW0750-001 | PUSH SWITCH | POWER | | | | | | | |
| △ | VA8901 | QAF0052-621 | VARISTOR | | | | | | | | |
| | Y8401 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | | | | | | |

PRINTED WIRING BOARD PARTS LIST [AV-29LX2]

MAIN PW BOARD ASS'Y(SCH-1095A-H2)

| △ Symbol No. | Part No. | Part Name | Description | Local |
|-----------------|--------------|-----------|---------------|-------|
| RESISTOR | | | | |
| R1001 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R1002 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R1003 | NRSA63J-392X | MG R | 3.9kΩ 1/16W J | |
| R1004 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R1005 | NRSA63J-273X | MG R | 27kΩ 1/16W J | |
| R1006 | NRSA63J-750X | MG R | 75Ω 1/16W J | |
| R1101 | NRSA63J-100X | MG R | 10Ω 1/16W J | |
| R1102 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R1103 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | |
| R1104 | NRSA63J-181X | MG R | 180Ω 1/16W J | |
| R1105 | NRSA63J-220X | MG R | 22Ω 1/16W J | |
| R1106 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1107 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1108 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1109 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1111 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1113 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1114 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1115 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1117 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1130 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1131 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1132 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1133 | NRSA63J-152X | MG R | 1.5kΩ 1/16W J | |
| R1134 | NRSA63J-182X | MG R | 1.8kΩ 1/16W J | |
| R1135 | NRSA63J-561X | MG R | 560Ω 1/16W J | |
| R1136 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1137 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1138 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1139 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1140 | NRSA63J-152X | MG R | 1.5kΩ 1/16W J | |
| R1141 | NRSA63J-182X | MG R | 1.8kΩ 1/16W J | |
| R1142 | NRSA63J-561X | MG R | 560Ω 1/16W J | |
| R1143 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1144 | NRSA63J-220X | MG R | 22Ω 1/16W J | |
| R1145 | NRSA63J-821X | MG R | 820Ω 1/16W J | |
| R1146 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1147 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1148 | NRSA63J-332X | MG R | 3.3kΩ 1/16W J | |
| R1149 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1155 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1301 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1302 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1303 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R1304 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1305 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1306 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R1307 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1308 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1309 | NRSA63J-473X | MG R | 47kΩ 1/16W J | |
| R1310 | NRSA63J-473X | MG R | 47kΩ 1/16W J | |
| R1311 | NRSA63J-123X | MG R | 12kΩ 1/16W J | |
| R1317 | QRL029J-101 | OM R | 100Ω 2W J | |
| R1401 | NRSA63J-123X | MG R | 12kΩ 1/16W J | |
| R1403 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R1405 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R1406 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1408 | NRSA63J-682X | MG R | 6.8kΩ 1/16W J | |
| R1410 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1411 | QRG01GJ-221 | OM R | 220Ω 1W J | |
| R1412 | QRE121J-1R0Y | C R | 1Ω 1/2W J | |
| R1413 | QRX01GJ-1R2 | MF R | 1.2Ω 1W J | |
| R1414 | QRE121J-2R2Y | C R | 2.2Ω 1/2W J | |
| R1425 | NRSA63J-153X | MG R | 15kΩ 1/16W J | |
| R1478 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1479 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1480 | QRE121J-681Y | C R | 680Ω 1/2W J | |
| R1481 | NRSA63J-223X | MG R | 22kΩ 1/16W J | |
| R1482 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R1483 | NRSA63J-823X | MG R | 82kΩ 1/16W J | |
| R1484 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R1485 | NRSA63J-123X | MG R | 12kΩ 1/16W J | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|-----------------|---------------|-----------|---------------|-------|
| RESISTOR | | | | |
| R1486 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | |
| R1487 | NRSA63J-333X | MG R | 33kΩ 1/16W J | |
| R1489 | NRSA63J-122X | MG R | 1.2kΩ 1/16W J | |
| R1490 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1491 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | |
| R1492 | NRSA63J-822X | MG R | 8.2kΩ 1/16W J | |
| R1493 | QRE121J-223Y | C R | 22kΩ 1/2W J | |
| R1494 | QRL039J-330 | OM R | 33Ω 3W J | |
| R1521 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1522 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1523 | QRL039J-151 | OM R | 150Ω 3W J | |
| R1524 | QRL039J-151 | OM R | 150Ω 3W J | |
| R1526 | QRL029J-271 | OM R | 270Ω 2W J | |
| R1527 | QRL039J-103 | OM R | 10kΩ 3W J | |
| △ R1528 | QRZ9021-1R0 | F R | 1.0Ω 1W J | |
| △ R1529 | QRX029J-3R3 | MF R | 3.3Ω 2W J | |
| R1531 | NRSA63J-182X | MG R | 1.8kΩ 1/16W J | |
| △ R1532 | QRZ9017-4R7 | F R | 4.7Ω 1/4W J | |
| R1541 | QRE121J-124Y | C R | 120kΩ 1/2W J | |
| R1542 | QRE121J-124Y | C R | 120kΩ 1/2W J | |
| R1543 | QRE121J-471Y | C R | 470Ω 1/2W J | |
| R1545 | QRE121J-220Y | C R | 22Ω 1/2W J | |
| △ R1546 | QRE121J-822Y | C R | 8.2kΩ 1/2W J | |
| △ R1547 | QRZ9011-4R7 | F R | 4.7Ω 1/2W J | |
| R1561 | QRL029J-220 | OM R | 22Ω 2W J | |
| R1562 | QRE121J-123Y | C R | 12kΩ 1/2W J | |
| R1563 | QRZ0056-103Z | COMP. R | 10kΩ 1/2W K | |
| R1591 | QRA14CF-1202Y | CMF R | 12kΩ 1/4W F | |
| R1592 | QRZ0225-2R2 | UNF R | 2.2Ω | |
| R1593 | NRSA02F-332X | MG R | 3.3kΩ 1/10W F | |
| R1594 | QRE121J-183Y | C R | 18kΩ 1/2W J | |
| R1595 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1621 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R1622 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R1623 | NRSA63J-473X | MG R | 47kΩ 1/16W J | |
| R1624 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1625 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1626 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1627 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1628 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1629 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1630 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1650 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1651 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1652 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1653 | NRSA63J-104X | MG R | 100kΩ 1/16W J | |
| R1654 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1655 | NRSA63J-104X | MG R | 100kΩ 1/16W J | |
| R1656 | QRE121J-2R2Y | C R | 2.2Ω 1/2W J | |
| R1657 | QRE121J-2R2Y | C R | 2.2Ω 1/2W J | |
| R1660 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1661 | NRSA63J-683X | MG R | 68kΩ 1/16W J | |
| R1662 | NRSA63J-333X | MG R | 33kΩ 1/16W J | |
| R1663 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1664 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1688 | NRSA63J-273X | MG R | 27kΩ 1/16W J | |
| R1690 | NRSA63J-104X | MG R | 100kΩ 1/16W J | |
| R1691 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1695 | NRSA63J-153X | MG R | 15kΩ 1/16W J | |
| R1696 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R1701 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1702 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1703 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1704 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1705 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1706 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1707 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1708 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1709 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1710 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | |
| R1711 | NRSA63J-101X | MG R | 100Ω 1/16W J | |
| R1712 | NRSA63J-101X | MG R | 100Ω 1/16W J | |

| △ Symbol No. | Part No. | Part Name | Description | Local | △ Symbol No. | Part No. | Part Name | Description | Local |
|-----------------|--------------|-----------|---------------|-------|------------------|--------------|-----------|---------------|-------|
| RESISTOR | | | | | RESISTOR | | | | |
| R1713 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1842 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R1714 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1843 | NRSA63J-821X | MG R | 820Ω 1/16W J | |
| R1715 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1844 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1716 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1845 | NRSA63J-102X | MG R | 1kΩ 1/16W J | |
| R1717 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1846 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1718 | NRSA63J-221X | MG R | 220Ω 1/16W J | | R1847 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1719 | NRSA63J-221X | MG R | 220Ω 1/16W J | | R1848 | NRSA63J-221X | MG R | 220Ω 1/16W J | |
| R1720 | NRSA63J-102X | MG R | 1kΩ 1/16W J | | R1849 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1721 | NRSA63J-221X | MG R | 220Ω 1/16W J | | R1880 | NRSA63J-202X | MG R | 2kΩ 1/16W J | |
| R1722 | NRSA63J-221X | MG R | 220Ω 1/16W J | | R1881 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1723 | NRSA63J-221X | MG R | 220Ω 1/16W J | | R1882 | NRSA63J-181X | MG R | 180Ω 1/16W J | |
| R1724 | NRSA63J-221X | MG R | 220Ω 1/16W J | | R1883 | NRSA63J-471X | MG R | 470Ω 1/16W J | |
| R1725 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1902 | QRF154K-2R2 | UNF R | 2.2Ω 15W K | |
| R1726 | NRSA63J-472X | MG R | 4.7kΩ 1/16W J | | R1903 | QRL039J-393 | OM R | 39kΩ 3W J | |
| R1727 | NRSA63J-104X | MG R | 100kΩ 1/16W J | | R1904 | QRE121J-221Y | C R | 220Ω 1/2W J | |
| R1728 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1905 | QRM034J-R10 | MP R | 0.1Ω 3W J | |
| R1730 | NRSA63J-223X | MG R | 22kΩ 1/16W J | | R1906 | QRE141J-1R5Y | C R | 1.5Ω 1/4W J | |
| R1731 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1908 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1732 | NRSA02F-393X | MG R | 39kΩ 1/10W F | | R1911 | QRE121J-152Y | C R | 1.5kΩ 1/2W J | |
| R1733 | NRSA63J-273X | MG R | 27kΩ 1/16W J | | R1912 | QRE121J-123Y | C R | 12kΩ 1/2W J | |
| R1734 | NRSA63J-391X | MG R | 390Ω 1/16W J | | △ R1913 | QRZ9017-100 | F R | 10Ω 1/4W J | |
| R1735 | NRSA63J-104X | MG R | 100kΩ 1/16W J | | R1914 | QRL039J-473 | OM R | 47kΩ 3W J | |
| R1736 | NRSA63J-333X | MG R | 33kΩ 1/16W J | | R1915 | NRSA63J-823X | MG R | 82kΩ 1/16W J | |
| R1737 | NRSA63J-272X | MG R | 2.7kΩ 1/16W J | | R1916 | NRSA63J-154X | MG R | 150kΩ 1/16W J | |
| R1738 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1951 | QRE121J-223Y | C R | 22kΩ 1/2W J | |
| R1739 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1952 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | |
| R1740 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1953 | QRE121J-152Y | C R | 1.5kΩ 1/2W J | |
| R1741 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1954 | QRE121J-150W | C R | 15Ω 1/2W J | |
| R1742 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | R1955 | QRG01GJ-330 | OM R | 33Ω 1W J | |
| R1744 | NRSA63J-561X | MG R | 560Ω 1/16W J | | R1956 | QRE121J-120W | C R | 12Ω 1/2W J | |
| R1745 | NRSA63J-105X | MG R | 1MΩ 1/16W J | | R1957 | QRE121J-5R6Y | C R | 5.6Ω 1/2W J | |
| R1746 | NRSA63J-333X | MG R | 33kΩ 1/16W J | | R1958 | QRL039J-820 | OM R | 82Ω 3W J | |
| R1747 | NRSA63J-103X | MG R | 10kΩ 1/16W J | | R1959 | QRE121J-820Y | C R | 82Ω 1/2W J | |
| R1748 | NRSA02J-225X | MG R | 2.2MΩ 1/10W J | | R1960 | NRSA63J-391X | MG R | 390Ω 1/16W J | |
| R1749 | NRSA02J-185X | MG R | 1.8MΩ 1/10W J | | R1961 | QRL029J-223 | OM R | 22kΩ 2W J | |
| R1750 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | R1962 | NRSA63J-681X | MG R | 680Ω 1/16W J | |
| R1755 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1963 | QRE121J-332Y | C R | 3.3kΩ 1/2W J | |
| R1756 | NRSA63J-101X | MG R | 100Ω 1/16W J | | R1964 | NRSA63J-103X | MG R | 10kΩ 1/16W J | |
| R1757 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | R1965 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | |
| R1758 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | R1966 | NRSA63J-223X | MG R | 22kΩ 1/16W J | |
| R1790 | NRSA63J-270X | MG R | 27Ω 1/16W J | | R1967 | NRSA63J-473X | MG R | 47kΩ 1/16W J | |
| R1803 | NRSA63J-333X | MG R | 33kΩ 1/16W J | | R1968 | NRSA63J-331X | MG R | 330Ω 1/16W J | |
| R1804 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1969 | QRT029J-1R5 | MF R | 1.5Ω 2W J | |
| R1805 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1970 | NRSA63J-153X | MG R | 15kΩ 1/16W J | |
| R1806 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1971 | NRSA63J-183X | MG R | 18kΩ 1/16W J | |
| R1807 | NRSA63J-750X | MG R | 75Ω 1/16W J | | R1972 | QRE121J-182Y | C R | 1.8kΩ 1/2W J | |
| R1808 | NRSA63J-823X | MG R | 82kΩ 1/16W J | | R1973 | QRE121J-332Y | C R | 3.3kΩ 1/2W J | |
| R1809 | NRSA63J-391X | MG R | 390Ω 1/16W J | | R1974 | QRT029J-1R2 | MG R | 1.2Ω 2W J | |
| R1810 | NRSA63J-823X | MG R | 82kΩ 1/16W J | | △ R1991 | QRZ0057-825 | C R | 8.2MΩ 1W J | |
| R1811 | NRSA63J-391X | MG R | 390Ω 1/16W J | | CAPACITOR | | | | |
| R1812 | NRSA63J-104X | MG R | 100kΩ 1/16W J | | C1001 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1813 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1002 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| R1815 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1003 | QFV71HJ-104Z | MF CAP. | 0.1μF 50V J | |
| R1818 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1004 | QETN1CM-477Z | E CAP. | 470μF 16V M | |
| R1820 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1005 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| R1821 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1006 | QETN1CM-336Z | E CAP. | 33μF 16V M | |
| R1823 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1007 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1824 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1101 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1826 | NRSA63J-101X | MG R | 100Ω 1/16W J | | C1102 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1829 | NRSA63J-750X | MG R | 75Ω 1/16W J | | C1103 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1830 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1104 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1831 | NRSA63J-222X | MG R | 2.2kΩ 1/16W J | | C1105 | NCB31HK-472X | C CAP. | 4700pF 50V K | |
| R1832 | NRSA63J-391X | MG R | 390Ω 1/16W J | | C1106 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1833 | NRSA63J-331X | MG R | 330Ω 1/16W J | | C1107 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1834 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | C1109 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| R1835 | NRSA63J-562X | MG R | 5.6kΩ 1/16W J | | C1130 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1836 | NRSA63J-750X | MG R | 75Ω 1/16W J | | C1131 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| R1837 | NRSA63J-101X | MG R | 100Ω 1/16W J | | | | | | |
| R1838 | QRK126J-121X | UNF R | 120Ω 1/2W J | | | | | | |
| R1839 | QRE121J-221Y | C R | 220Ω 1/2W J | | | | | | |
| R1840 | QRE121J-221Y | C R | 220Ω 1/2W J | | | | | | |
| R1841 | NRSA63J-0R0X | MG R | 0.0Ω 1/16W J | | | | | | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|------------------|--------------|-----------|-------------------|-------|
| CAPACITOR | | | | |
| C1132 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1133 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1134 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1135 | QETN1EM-476Z | E CAP. | 47μF 25V M | |
| C1136 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1137 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1138 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1139 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| | | | | |
| C1140 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1141 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1142 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1143 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1144 | NCB31HK-223X | C CAP. | 0.022μF 50V K | |
| C1301 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1302 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1304 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| | | | | |
| C1305 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1306 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1307 | NDC31HJ-330X | C CAP. | 33pF 50V J | |
| C1308 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1401 | QETN1HM-336Z | E CAP. | 33μF 50V M | |
| C1402 | QCB31HK-682Z | C CAP. | 6800pF 50V K | |
| C1403 | QEHR1VM-107Z | E CAP. | 100μF 35V M | |
| C1406 | QFLC2AJ-683Z | C CAP. | 0.068μF 100V J | |
| | | | | |
| C1407 | QCS32HJ-180Z | M CAP. | 18pF 500V J | |
| C1411 | NCF21HZ-334X | C CAP. | 0.33μF 50V Z | |
| C1412 | NCF21HZ-334X | C CAP. | 0.33μF 50V Z | |
| C1413 | QFLC2AJ-563Z | M CAP. | 0.056μF 100V J | |
| C1422 | QEHQ1VM-108 | E CAP. | 1000μF 35V M | |
| C1471 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1480 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1483 | QEZ0195-475Z | BP E CAP. | 4.7μF 50V M | |
| | | | | |
| C1485 | QETN1HM-226Z | E CAP. | 22μF 50V M | |
| C1521 | QETN1VM-476Z | E CAP. | 47μF 35V M | |
| C1522 | QFLC1HJ-332Z | M CAP. | 3300pF 50V J | |
| C1523 | QFLC1HJ-223Z | M CAP. | 0.022μF 50V J | |
| C1524 | QFZ0196-382 | MPP CAP. | 3800pF 1.5kVH±3% | |
| C1525 | QFZ0200-143 | MPP CAP. | 0.014μF 1.5kVH±3% | |
| C1526 | QFP32JJ-223 | PP CAP. | 0.022μF 630V J | |
| C1527 | QFZ0199-224 | MPP CAP. | 0.22μF AC250V J | |
| | | | | |
| C1528 | QFZ0199-224 | MPP CAP. | 0.22μF AC250V J | |
| C1529 | QENC2AM-225Z | BP E CAP. | 2.2μF 100V M | |
| C1530 | QCB32HK-561Z | C CAP. | 560pF 500V K | |
| C1531 | QEHR1EM-108Z | E CAP. | 1000μF 25V M | |
| C1532 | QCB32HK-561Z | C CAP. | 560pF 500V K | |
| C1533 | QEHR1EM-108Z | E CAP. | 1000μF 25V M | |
| C1534 | QCB32HK-561Z | C CAP. | 560pF 500V K | |
| C1536 | QFLC1HJ-103Z | M CAP. | 0.01μF 50V J | |
| | | | | |
| C1540 | QFV71HJ-104Z | MF CAP. | 0.1μF 50V J | |
| C1541 | QETN2EM-106Z | E CAP. | 10μF 250V M | |
| C1550 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1561 | QFV11HJ-683Z | MF CAP. | 0.068μF 50V J | |
| C1566 | QFZ0200-113 | MPP CAP. | 0.011μF 1.5kVH±3% | |
| C1591 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1592 | QETM2CM-227 | E CAP. | 220μF 160V M | |
| C1593 | QETN1EM-476Z | E CAP. | 47μF 25V M | |
| | | | | |
| C1625 | NCF21EZ-474X | C CAP. | 0.47μF 25V Z | |
| C1626 | NCB31HK-333X | CH C CAP. | 0.033μF 50V K | |
| C1627 | NCB31HK-473X | CH C CAP. | 0.047μF 50V K | |
| C1628 | NCB31HK-223X | C CAP. | 0.022μF 50V K | |
| C1629 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1630 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1631 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1632 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| | | | | |
| C1633 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1634 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1635 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1636 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1637 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1638 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1639 | QETN1HM-107Z | E CAP. | 100μF 50V M | |
| C1640 | NCF21HZ-334X | C CAP. | 0.33μF 50V Z | |

| △ Symbol No. | Part No. | Part Name | Description | Local |
|------------------|--------------|-----------|---------------|-------|
| CAPACITOR | | | | |
| C1641 | QETN1HM-475Z | E CAP. | 4.7μF 50V M | |
| C1643 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1644 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1645 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1646 | NCB31HK-104X | C CAP. | 0.1μF 50V K | |
| C1647 | NCF21EZ-474X | C CAP. | 0.47μF 25V Z | |
| C1648 | NCB31HK-153X | C CAP. | 0.015μF 50V K | |
| C1649 | NCB31HK-153X | C CAP. | 0.015μF 50V K | |
| | | | | |
| C1650 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1651 | QEHR1HM-107Z | E CAP. | 100μF 50V M | |
| C1652 | QETN1HM-105Z | E CAP. | 1μF 50V M | |
| C1653 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1654 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1655 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1656 | NCF21HZ-224X | C CAP. | 0.22μF 50V Z | |
| C1662 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| | | | | |
| C1681 | QETN1CM-227Z | E CAP. | 220μF 16V M | |
| C1682 | QETN1CM-227Z | E CAP. | 220μF 16V M | |
| C1683 | QETN1CM-336Z | E CAP. | 33μF 16V M | |
| C1684 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1702 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1703 | NDC31HJ-330X | C CAP. | 33pF 50V J | |
| C1704 | NDC31HJ-330X | C CAP. | 33pF 50V J | |
| C1706 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| | | | | |
| C1707 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1709 | QETN1CM-477Z | E CAP. | 470μF 16V M | |
| C1710 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C1711 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1712 | QETN1CM-476Z | E CAP. | 47μF 16V M | |
| C1713 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1720 | QETN1EM-476Z | E CAP. | 47μF 25V M | |
| C1725 | NCB31HK-681X | C CAP. | 680pF 50V K | |
| | | | | |
| C1729 | QETN1CM-476Z | E CAP. | 47μF 16V M | |
| C1730 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C1731 | NCB21EK-224X | C CAP. | 0.22μF 25V K | |
| C1732 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1733 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1734 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1735 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| C1736 | QETN1HM-105Z | E CAP. | 1μF 50V M | |
| | | | | |
| C1737 | QETN1HM-105Z | E CAP. | 1μF 50V M | |
| C1738 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1739 | NFV41CJ-104X | MPP CAP. | 0.1μF 16V J | |
| C1740 | QETN1HM-225Z | E CAP. | 2.2μF 50V M | |
| C1741 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1742 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1743 | QETN1CM-107Z | E CAP. | 100μF 16V M | |
| C1744 | NCB31HK-222X | C CAP. | 2200pF 50V K | |
| | | | | |
| C1745 | NCB31HK-473X | CH C CAP. | 0.047μF 50V K | |
| C1746 | NCB31HK-473X | CH C CAP. | 0.047μF 50V K | |
| C1747 | NCB31HK-473X | CH C CAP. | 0.047μF 50V K | |
| C1749 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1751 | NCB21HK-104X | C CAP. | 0.1μF 50V K | |
| C1752 | NCB21HK-104X | C CAP. | 0.1μF 50V K | |
| C1753 | NCB21HK-104X | C CAP. | 0.1μF 50V K | |
| C1801 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| | | | | |
| C1802 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1803 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1804 | QETN1HM-106Z | E CAP. | 10μF 50V M | |
| C1805 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1807 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1808 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1810 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1811 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| | | | | |
| C1812 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1813 | NCB31HK-103X | C CAP. | 0.01μF 50V K | |
| C1814 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1815 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1817 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1819 | NCB31CK-104X | C CAP. | 0.1μF 16V K | |
| C1820 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |
| C1821 | NCF31AZ-105X | C CAP. | 1μF 10V Z | |

| △ | Symbol No. | Part No. | Part Name | Description | Local |
|------------------|------------|--------------|-----------|---------------|-------|
| CAPACITOR | | | | | |
| | C1822 | QETN1CM-477Z | E CAP. | 470μF 16V | M |
| | C1823 | QETN1CM-107Z | E CAP. | 100μF 16V | M |
| | C1824 | QETN1CM-107Z | E CAP. | 100μF 16V | M |
| | C1825 | NCB31HK-103X | C CAP. | 0.01μF 50V | K |
| | C1826 | NCB31CK-104X | C CAP. | 0.1μF 16V | K |
| | C1827 | NCB31HK-103X | C CAP. | 0.01μF 50V | K |
| | C1829 | NCB31HK-103X | C CAP. | 0.01μF 50V | K |
| | C1830 | NCB31HK-103X | C CAP. | 0.01μF 50V | K |
| | C1831 | NCB31HK-103X | C CAP. | 0.01μF 50V | K |
| | C1833 | QETN1HM-226Z | E CAP. | 22μF 50V | M |
| | C1834 | NDC31HJ-181X | C CAP. | 180pF 50V | J |
| △ | C1902 | QFZ9075-104 | MPP CAP. | 0.1μF | |
| | C1903 | QCZ9015-102Z | C CAP. | 1000pF AC250V | Z |
| | C1904 | QCZ9015-102Z | C CAP. | 1000pF AC250V | Z |
| | C1905 | QCZ9015-102Z | C CAP. | 1000pF AC250V | Z |
| | C1907 | QEZ0371-337 | E CAP. | 330μF 400V | M |
| | C1909 | QCZ0325-102 | C CAP. | 1000pF 2000V | K |
| | C1910 | NDC31HJ-102X | C CAP. | 1000pF 50V | J |
| | C1911 | QETN1VM-107Z | E CAP. | 100μF 35V | M |
| | C1915 | QCB32HK-222Z | C CAP. | 2200pF 500V | K |
| | C1916 | QETN1HM-475Z | E CAP. | 4.7μF 50V | M |
| | C1917 | QCB32HK-181Z | C CAP. | 180pF 500V | K |
| | C1918 | QCB32HK-103 | C CAP. | 0.01μF 500V | K |
| | C1919 | QCZ0325-151 | C CAP. | 150pF 2000V | K |
| | C1920 | QCZ0122-471 | C CAP. | 470pF 2000V | K |
| | C1921 | QFN31HJ-473Z | M CAP. | 0.047μF 50V | J |
| | C1922 | QETN2AM-226Z | E CAP. | 22μF 100V | M |
| | C1952 | QCB32HK-471Z | C CAP. | 470pF 500V | K |
| | C1953 | QEHQ1VM-228 | E CAP. | 2200μF 35V | M |
| | C1955 | QCB32HK-471Z | C CAP. | 470pF 500V | K |
| | C1956 | QETN1VM-107Z | E CAP. | 100μF 35V | M |
| | C1957 | QCB31HK-471Z | C CAP. | 470pF 50V | K |
| | C1958 | QEHR1CM-108Z | E CAP. | 1000μF 16V | M |
| | C1959 | QCZ0364-561 | C CAP. | 560pF | |
| | C1960 | QEZ0203-227 | E CAP. | 220μF 160V | M |
| | C1961 | QETN1CM-476Z | E CAP. | 47μF 16V | M |
| | C1962 | QETN1HM-106Z | E CAP. | 10μF 50V | M |
| | C1963 | QETN1CM-477Z | E CAP. | 470μF 16V | M |
| | C1964 | QETN1EM-476Z | E CAP. | 47μF 25V | M |
| | C1965 | QETN1VM-476Z | E CAP. | 47μF 35V | M |
| | C1966 | QETN1CM-107Z | E CAP. | 100μF 16V | M |
| | C1968 | NCB31CK-104X | C CAP. | 0.1μF 16V | K |
| | C1970 | QETN1CM-107Z | E CAP. | 100μF 16V | M |
| | C1972 | QETN1EM-476Z | E CAP. | 47μF 25V | M |
| | C1974 | NCB31CK-104X | C CAP. | 0.1μF 16V | K |
| | C1975 | QETN1CM-227Z | E CAP. | 220μF 16V | M |
| | C1977 | QETN1EM-476Z | E CAP. | 47μF 25V | M |
| | C1978 | NCB21HK-104X | C CAP. | 0.1μF 50V | K |
| | C1980 | QETN1CM-107Z | E CAP. | 100μF 16V | M |
| | C1981 | NCB31HK-102X | C CAP. | 1000pF 50V | K |
| | C1982 | QETN1CM-476Z | E CAP. | 47μF 16V | M |
| | C1983 | QETN1CM-227Z | E CAP. | 220μF 16V | M |
| △ | C1991 | QCZ9079-102 | C CAP. | 1000pF AC250V | M |
| △ | C1992 | QCZ9079-102 | C CAP. | 1000pF AC250V | M |
| △ | C1993 | QCZ9079-102 | C CAP. | 1000pF AC250V | M |

TRANSFORMER

| | | | |
|---|-------|-------------|-----------------|
| | T1521 | QQR1229-001 | DRIVE TRANSF |
| △ | T1551 | QQH0139-001 | FB(HV WIRELESS) |
| | T1561 | QQR1153-001 | DEF TRANSF |
| △ | T1901 | QQS0110-001 | SW TRANSF |

COIL

| | | | | | |
|--|-------|--------------|----------------|-------|---|
| | L1001 | QQL244K-8R2Z | COIL | 8.2μH | K |
| | L1002 | QQL244K-8R2Z | COIL | 8.2μH | K |
| | L1101 | QQL244J-5R6Z | COIL | 5.6μH | J |
| | L1102 | QQL244K-180Z | COIL | 18μH | K |
| | L1301 | QQL244K-221Z | PEAKING COIL | 220μH | K |
| | L1401 | QQL26AK-220Z | COIL | 22μH | K |
| | L1480 | QQR1138-001 | CHOKE COIL | | |
| | L1523 | QQR1243-001 | LINEARITY COIL | | |

| △ | Symbol No. | Part No. | Part Name | Description | Local |
|-------------|------------|--------------|-----------|-------------|-------|
| COIL | | | | | |
| | L1541 | QQL244K-220Z | COIL | 22μH | K |
| | L1561 | QQLZ028-272 | COIL | 2.7μH | |
| | L1701 | QQL244K-100Z | COIL | 10μH | K |
| | L1702 | QQL244K-100Z | COIL | 10μH | K |
| | L1731 | QQL244J-101Z | COIL | 100μH | J |
| | L1951 | QQLZ034-460 | COIL | 46μH | |
| | L1953 | QQL244J-5R6Z | COIL | 5.6μH | J |
| | L1954 | QQL26AK-820Z | COIL | 82μH | K |

DIODE

| | | | | | |
|--|-------|----------------|--------------|------|---------|
| | D1101 | DAN235K-X | SI. DIODE | | |
| | D1301 | MTZJ5.1B-T2 | ZENER DIODE | | |
| | D1401 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1402 | MTZJ75-T2 | ZENER DIODE | | |
| | D1405 | 1N4003-T2 | SI. DIODE | | |
| | D1408 | MA111-X | SI. DIODE | | |
| | D1480 | MTZJ4.3A-T2 | ZENER DIODE | | |
| | D1521 | RH3G-F1 | SI. DIODE | | |
| | D1522 | 31DF6N-FC5 | SI. DIODE | | |
| | D1523 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1541 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1550 | MA111-X | SI. DIODE | | |
| | D1551 | EU2-T3 | SI. DIODE | | |
| | D1553 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1554 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1592 | MA3075/H-X | ZENER DIODE | | |
| | D1652 | MA3330/L-X | ZENER DIODE | | |
| | D1653 | MA3330/L-X | ZENER DIODE | | |
| | D1655 | MA111-X | SI. DIODE | | |
| | D1657 | MA111-X | SI. DIODE | | |
| | D1701 | MA111-X | MG R | | |
| | D1702 | MA3020-X | SI. DIODE | | |
| | D1703 | MA3036-X | ZENER DIODE | | |
| | D1730 | MA111-X | SI. DIODE | | |
| | D1731 | MA111-X | SI. DIODE | | |
| | D1732 | MA111-X | SI. DIODE | | |
| | D1733 | MA111-X | SI. DIODE | | |
| | D1801 | MA3120/M-X | ZENER DIODE | | |
| | D1802 | MA3120/M-X | ZENER DIODE | | |
| | D1901 | GSIB460 | BRIDGE DIODE | | |
| | D1902 | MTZJ33B-T2 | ZENER DIODE | | |
| | D1906 | MTZJ27B-T2 | ZENER DIODE | | |
| | D1907 | MTZJ33B-T2 | ZENER DIODE | | |
| | D1908 | MA3200/M-X | ZENER DIODE | | |
| | D1909 | 1SS133-T2 | SI. DIODE | | |
| | D1911 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1912 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1913 | RGP10M-5010-T3 | SI. DIODE | | |
| | D1914 | NRSA63J-0R0X | MG R | 0.0Ω | 1/16W J |
| | D1915 | MTZJ15B-T2 | ZENER DIODE | | |
| | D1915 | MTZJ39B-T2 | ZENER DIODE | | |
| | D1916 | MTZJ15B-T2 | ZENER DIODE | | |
| | D1917 | 1SS133-T2 | SI. DIODE | | |
| | D1919 | 1SS133-T2 | SI. DIODE | | |
| | D1920 | MTZJ15B-T2 | ZENER DIODE | | |
| | D1950 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1952 | ERC30-02L38 | SI. DIODE | | |
| | D1953 | RGP10J-5025-T3 | SI. DIODE | | |
| | D1954 | RU30A-F1 | SI. DIODE | | |
| | D1955 | 1SR35-400A-T2 | SI. DIODE | | |
| | D1956 | 31DF6N-FC5 | SI. DIODE | | |
| | D1958 | MTZJ5.1A-T2 | ZENER DIODE | | |
| | D1960 | MA111-X | SI. DIODE | | |
| | D1964 | MA3330/L-X | ZENER DIODE | | |
| | D1966 | MA3047/L-X | ZENER DIODE | | |
| | D1968 | MA111-X | SI. DIODE | | |
| | D1969 | MA111-X | SI. DIODE | | |
| | D1970 | MTZJ9.1B-T2 | ZENER DIODE | | |
| | D1971 | NRSA02J-0R0X | MG R | 0.0Ω | 1/10W J |

| △ Symbol No. | Part No. | Part Name | Description | Local | △ Symbol No. | Part No. | Part Name | Description | Local |
|-------------------|-----------------|------------------|-------------|-------|---------------|--------------|------------------|-------------|---------|
| TRANSISTOR | | | | | OTHERS | | | | |
| Q1101 | 2SC5083/L-P/-T | TRANSISTOR | | | CF1103 | QAX0639-001Z | C TRAP | | |
| Q1102 | UN2212-X | DIGI. TRANSISTOR | | | CF1130 | QAX0642-001Z | C FILTER | | |
| Q1104 | 2SB709A/QR/-X | TRANSISTOR | | | CF1140 | QAX0695-001Z | C FILTER | | |
| Q1105 | 2SD601A/QR/-X | TRANSISTOR | | | CF1141 | QAX0696-001Z | C FILTER | | |
| Q1106 | 2SB709A/QR/-X | TRANSISTOR | | | CF1142 | QAX0697-001Z | C FILTER | | |
| Q1107 | UN2212-X | DIGI. TRANSISTOR | | | △ CP1951 | ICP-N75-Y | IC PROTECTOR | | |
| Q1108 | 2SD601A/QR/-X | TRANSISTOR | | | △ CP1952 | ICP-N38-Y | IC PROTECTOR | | |
| Q1109 | UN2212-X | DIGI. TRANSISTOR | | | △ CP1953 | ICP-N38-Y | IC PROTECTOR | | |
| Q1110 | UN2212-X | DIGI. TRANSISTOR | | | J1801 | QNN0349-001 | PIN JACK | | |
| Q1130 | 2SB709A/QR/-X | TRANSISTOR | | | J1802 | QNN0349-002 | PIN JACK | | |
| Q1131 | UN2212-X | DIGI. TRANSISTOR | | | J1803 | QNN0348-001 | PIN JACK | | |
| Q1132 | 2SD601A/QR/-X | TRANSISTOR | | | J1804 | QNN0349-001 | PIN JACK | | |
| Q1133 | 2SB709A/QR/-X | TRANSISTOR | | | K1705 | QQR1214-001Y | FERRITE BEADS | | |
| Q1134 | UN2212-X | DIGI. TRANSISTOR | | | K1901 | QQR1214-001Y | FERRITE BEADS | | |
| Q1135 | UN2212-X | DIGI. TRANSISTOR | | | K1902 | QQR1214-001Y | FERRITE BEADS | | |
| Q1136 | 2SD601A/QR/-X | TRANSISTOR | | | K1903 | QQR1214-001Y | FERRITE BEADS | | |
| Q1137 | 2SD601A/QR/-X | TRANSISTOR | | | K1951 | QQR1214-001Y | FERRITE BEADS | | |
| Q1138 | UN2212-X | DIGI. TRANSISTOR | | | K1953 | QQR1214-001Y | FERRITE BEADS | | |
| Q1301 | 2SB709A/QR/-X | TRANSISTOR | | | K1954 | QQR1214-001Y | FERRITE BEADS | | |
| Q1302 | 2SB709A/QR/-X | TRANSISTOR | | | K1955 | QQR1214-001Y | FERRITE BEADS | | |
| Q1303 | UN2212-X | DIGI. TRANSISTOR | | | △ LF1901 | QQR1356-001 | LINE FILTER | | |
| Q1304 | 2SD601A/QR/-X | TRANSISTOR | | | △ PC1901 | PC123F2 | IC(PHOTO COUPLE) | | |
| Q1480 | 2SD1408/OY/-LB | POWER TRANSISTOR | | | △ RY1901 | QSK0061-001 | RELAY | | |
| Q1521 | 2SC2655/Y/-T | TRANSISTOR | | | SF1101 | QAX0325-001 | SAW FILTER | | |
| Q1522 | 2SD2634-YD | POWER TRANSISTOR | | | SF1102 | QAX0731-001 | SAW FILTER | | |
| Q1591 | 2SA1208/ST/Z1-T | TRANSISTOR | | | TH1901 | QAD0145-2R3 | P THERMISTOR | | |
| Q1592 | UN2212-X | DIGI. TRANSISTOR | | | TU1001 | QAU0185-005 | TUNER | | |
| Q1660 | 2SD601A/QR/-X | TRANSISTOR | | | W1010 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1661 | 2SD601A/QR/-X | TRANSISTOR | | | W1031 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1683 | 2SB709A/QR/-X | TRANSISTOR | | | W1239 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1684 | 2SB709A/QR/-X | TRANSISTOR | | | W1257 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1685 | DTC323TK-X | DIGI. TRANSISTOR | | | W1273 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1686 | DTC323TK-X | DIGI. TRANSISTOR | | | W1306 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1701 | 2SB709A/QR/-X | TRANSISTOR | | | W1307 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1702 | 2SB709A/QR/-X | TRANSISTOR | | | W1309 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1720 | 2SB709A/QR/-X | TRANSISTOR | | | W1321 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1801 | DTC323TK-X | DIGI. TRANSISTOR | | | W1325 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1802 | DTC323TK-X | DIGI. TRANSISTOR | | | W1326 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1803 | 2SB709A/QR/-X | TRANSISTOR | | | W1334 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1804 | 2SC1740S/QR/-T | TRANSISTOR | | | W1379 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1860 | 2SD601A/QR/-X | TRANSISTOR | | | W1386 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1861 | 2SB709A/QR/-X | TRANSISTOR | | | W1395 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1862 | 2SB709A/QR/-X | TRANSISTOR | | | W1397 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1901 | 2SC3852A | POWER TRANSISTOR | | | W1405 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1951 | 2SA1013/RO/-T | TRANSISTOR | | | W1418 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1952 | 2SC2412K/QR/-X | TRANSISTOR | | | W1423 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1953 | 2SC2412K/QR/-X | TRANSISTOR | | | W1428 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1954 | 2SC2412K/QR/-X | TRANSISTOR | | | W1430 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| Q1955 | 2SC2412K/QR/-X | TRANSISTOR | | | X1701 | QAX0737-001 | CRYSTAL | | |
| IC | | | | | Y1001 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| IC1130 | M52342SP | I.C(MONO-ANA) | | | Y1002 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| IC1301 | TDA9181T/N1-X | I.C(MONO-ANA) | | | Y1100 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| IC1401 | LA78041 | I.C(MONO-ANA) | | | Y1130 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| IC1461 | JLC1562BF-X | I.C(DIGI-MOS) | | | Y1601 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| IC1480 | UPC358G2-XE | I.C(MONOLITHIC) | | | Y1602 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| IC1602 | NJW1136G-X | I.C | | | Y1603 | NRSA63J-OR0X | MG R | 0.0Ω | 1/16W J |
| IC1650 | AN5277 | I.C(MONO-ANA) | | | | | | | |
| IC1701 | TDA9386N22S0868 | IC(MCU) | | | | | | | |
| IC1702 | AT24C08-21WS3 | I.C(MEMORY-OTH) | (SERVICE) | | | | | | |
| IC1801 | MM1492AF | I.C(MONO-ANA) | | | | | | | |
| IC1901 | STR-F6256S-F7 | I.C(HYBRID) | | | | | | | |
| IC1951 | SE135N | I.C(HYBRID) | | | | | | | |
| IC1972 | L88M33T-X | I.C(MONO-ANA) | | | | | | | |
| IC1973 | BA17812T | I.C(MONO-ANA) | | | | | | | |
| IC1974 | BA51W12ST-V5 | I.C(MONO-ANA) | | | | | | | |

| △ | Symbol No. | Part No. | Part Name | Description | Local |
|---|------------|----------|-----------|-------------|-------|
| Refer to PARTS LIST in pages 50 - 52 for this PW BOARD. | | | | | |

| △ | Symbol No. | Part No. | Part Name | Description | Local |
|---|---|----------|-----------|-------------|-------|
| | Refer to PARTS LIST in pages 50 - 52 for this PW BOARD. | | | | |


| Symbol No. | Part No. | Part Name | Description | Local |
|---|----------|-----------|-------------|-------|
| Refer to PARTS LIST in pages 52-53 for this PW BOARD. | | | | |

| Symbol No. | Part No. | Part Name | Description | Local |
|---|----------|-----------|-------------|-------|
| Refer to PARTS LIST in pages 52-53 for this PW BOARD. | | | | |

DIFFERENCE PARTS LIST BETWEEN AV-29LX2, AV-29LX2/A AND AV-2968TEE

In the DIFFERENCE PARTS LIST BETWEEN AV-29LX2, AV-29LX2/A and AV-2968TEE, only difference points between these models are written. For other parts not mentioned in the list, please refer to the PARTS LIST (P54 – P59) for the AV-29LX2.

DIFFERENCE PARTS LIST

|  | Symbol No. | Part No. | | | Part Name |
|---|------------|-----------------|------------|-----------------|-----------|
| | | AV-29LX2 | AV-29LX2/A | AV-2968TEE | |
| | | SCH-1095A-H2 | ← | SCH-1104A-H2 | MAIN PWB |
| | IC1701 | TDA9386N22S0868 | ← | TDA9365N23S0874 | IC |

REMOTE CONTROL UNIT PARTS LIST

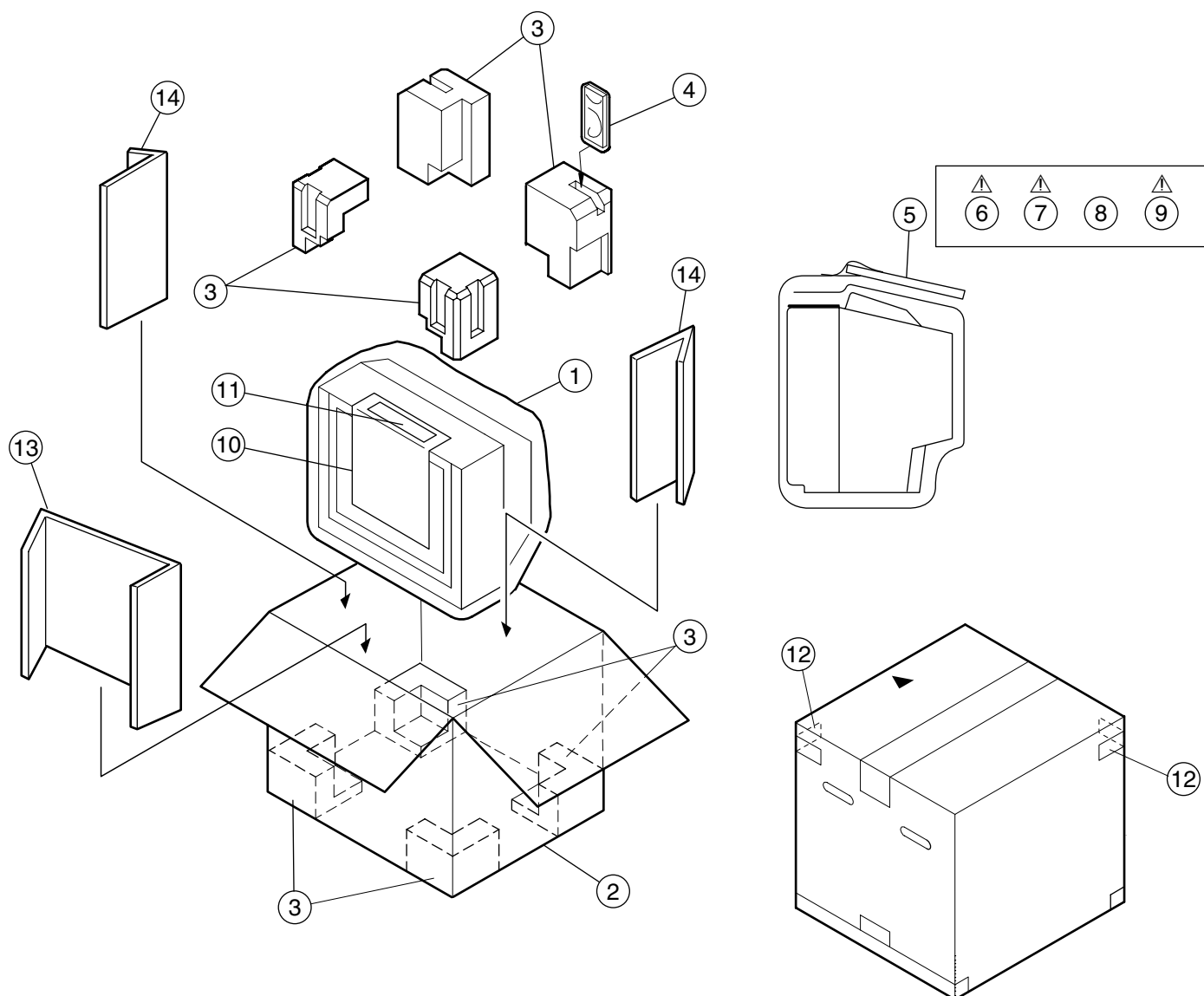
RM-C1020-1H [AV-29LS2]

RM-C1024-1H [AV-29LX2, AV-29LX2/A]

RM-C1023-1H [AV-2968TEE]

| △ Ref. No. | Part No. | Part Name | Description | Local |
|------------|----------|---------------|-------------|-------|
| | 25-1168F | BATTERY COVER | | |

PACKING



PACKING PARTS LIST

| △ Ref.No. | Part No. | Part Name | Description | Local |
|-----------|----------------|--------------------|--|-------|
| 1 | CP30967-004-H | POLY BAG | | |
| 2 | GG10044-048A-H | P CASE | | |
| 3 | LC11066-002B-H | CUSHION ASSY | | |
| 4 | RM-C1020-1H | RC HAND UNIT | [AV-29LS2] | |
| 4 | RM-C1024-1H | RC HAND UNIT | [AV-29LX2, AV-29LX2 _A] | |
| 4 | RM-C1023-1H | RC HAND UNIT | [AV-2968TEE] | |
| 5 | CP30966-001-H | POLY BAG | | |
| △ 6 | LCT1170-001B-H | INST BOOK | [AV-29LS2, AV-29LX2, AV-29LX2 _A] | |
| △ 6 | LCT1178-001A-H | INST BOOK | [AV-2968TEE] | |
| △ 7 | LCT1171-001A-H | DIGEST MANUAL | [AV-29LX2, AV-29LX2 _A] | |
| 8 | BT-54012-2 | WARRANTY CARD | [AV-2968TEE] | |
| △ 9 | QAM0055-001 | CONVERSION PLUG | [AV-29LX2 _A] | |
| 10 | LC30946-001A-H | CRT PROTECTOR | | |
| 11 | LC30947-002A-H | CAUTION SHEET | | |
| 12 | GG20025-001A-H | CORNER LABEL | (x2) | |
| 13 | GG20011-003A-H | SUPPORT PAD(FRONT) | | |
| 14 | GG20011-004A-H | SUPPORT PAD(SIDE) | (x2) | |

JVC

SCHEMATIC DIAGRAMS

COLOUR TELEVISION

BASIC CHASSIS

CH

AV-29LS2 AV-29LX2 /A
AV-29LX2 AV-2968TEE

CD-ROM No. SML200210



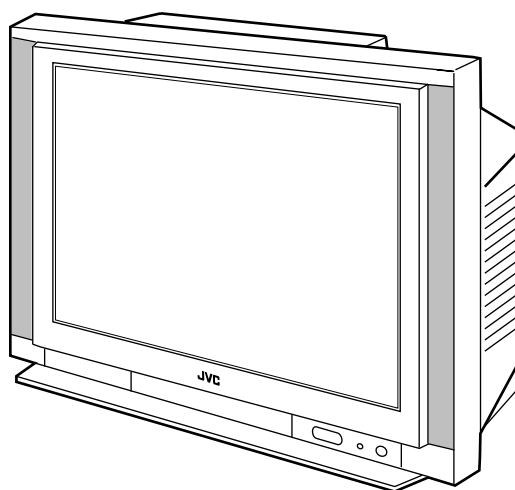
RM-C1020-1H
[AV-29LS2]



RM-C1024-1H
[AV-29LX2]
[AV-29LX2/A]




RM-C1023-1H
[AV-2968TEE]



AV-29LS2 AV-29LX2 AV-29LX2 /A AV-2968TEE STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1. SAFETY

The components identified by the  symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1) Input signal : Colour bar signal
- (2) Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3) Internal resistance of tester : DC 20k Ω /V
- (4) Oscilloscope sweeping time : H \Rightarrow 20 μ S/div
: V \Rightarrow 5mS/div
: Others \Rightarrow Sweeping time is specified
- (5) Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3. INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4. INDICATIONS ON THE CIRCUIT DIAGRAM

(1) Resistors

• Resistance value

- No unit : [Ω]
- k : [k Ω]
- M : [M Ω]

• Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

• Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2) Capacitors

• Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

• Withstand voltage

- No indication : DC50[V]
- AC indicated : AC withstand voltage [V]
- Others : DC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example] : Capacitance value [μ F]/withstand voltage[V]

• Type

- No indication : Ceramic capacitor
- MY : Mylar capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3) Coils



- No unit : [μ H]
- Others : As specified

(4) Power Supply



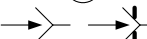
-  : B1
-  : B2(12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated





(5) Test point

-  : Test point
-  : Only test point display



(6) Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7) Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5. NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2) Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time with a measuring apparatus (oscilloscope, etc.). If the above precaution is not respected , a fuse or any parts will be broken.

• Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

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PATTERN DIAGRAMS

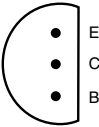
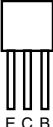
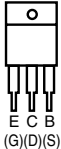
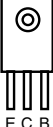

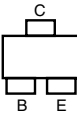
 MAIN PWB PATTERN 2-17

 CRT SOCKET PWB PATTERN 2-19

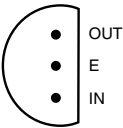
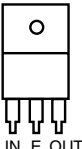
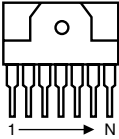
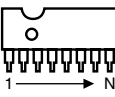
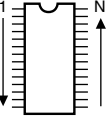
 FRONT CONTROL PWB PATTERN 2-20

SEMICONDUCTOR SHAPES

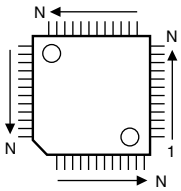
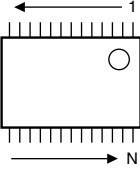
TRANSISTOR

| BOTTOM VIEW | FRONT VIEW | | | | TOP VIEW |
|--|--|--|--|--|---|
|  |  |  |  |  | CHIP TR  |

IC

| BOTTOM VIEW | FRONT VIEW | | | TOP VIEW |
|---|---|---|--|---|
|  |  |  |  |  |

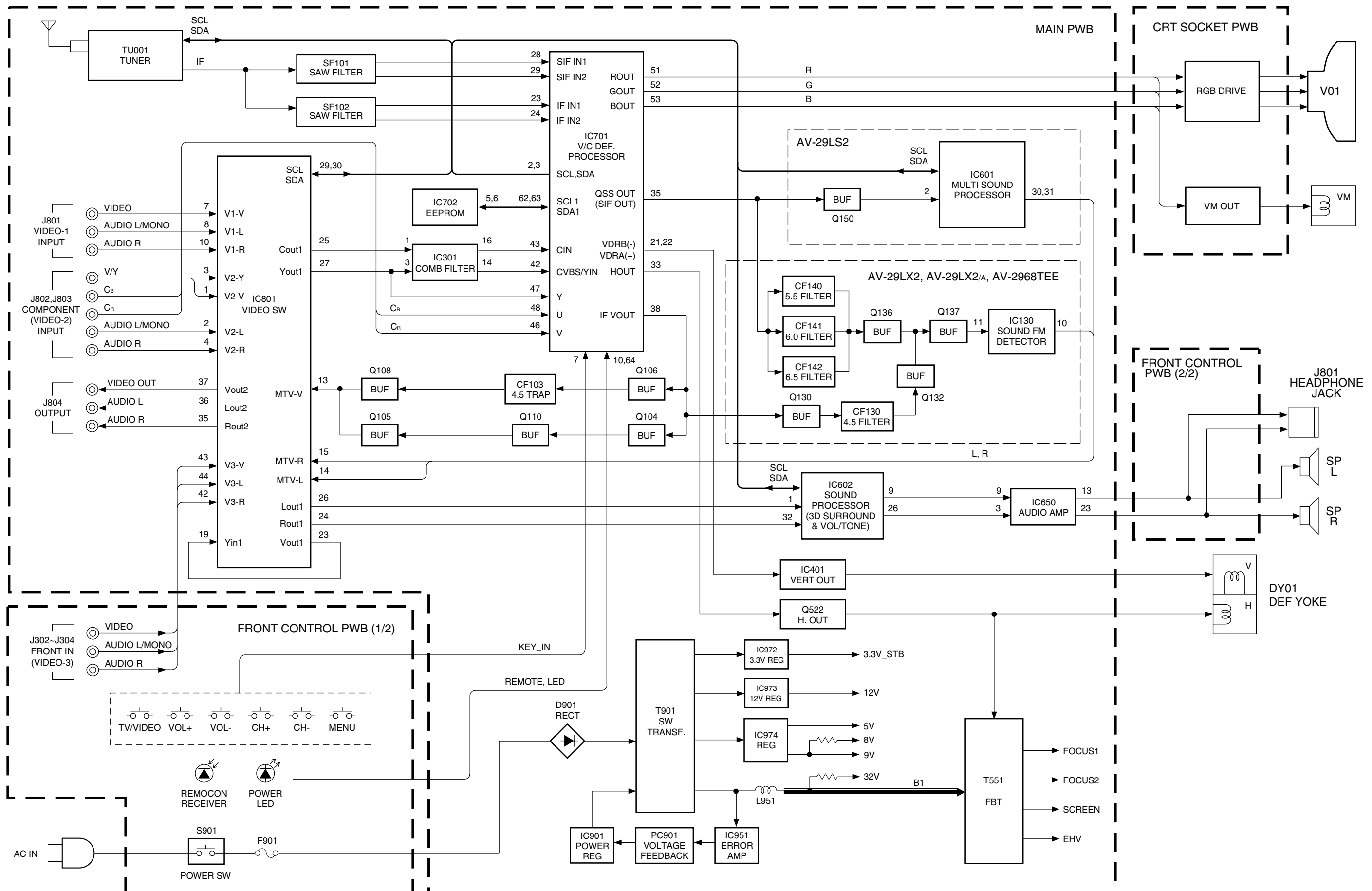
CHIP IC

| TOP VIEW | | |
|---|---|--|
|  |  | |

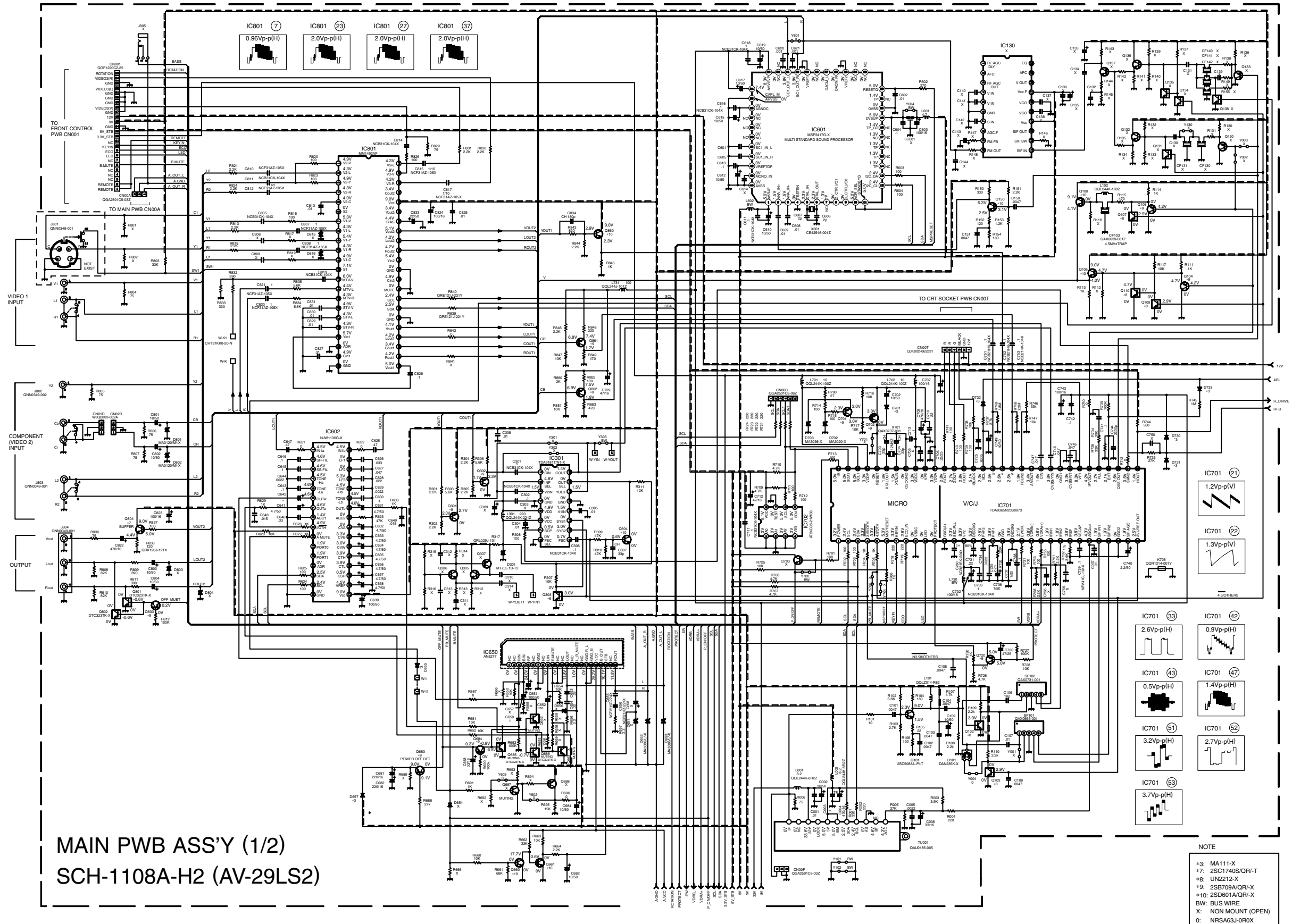
BLOCK DIAGRAM

AV-29LS2
AV-29LX2
AV-2968TEE

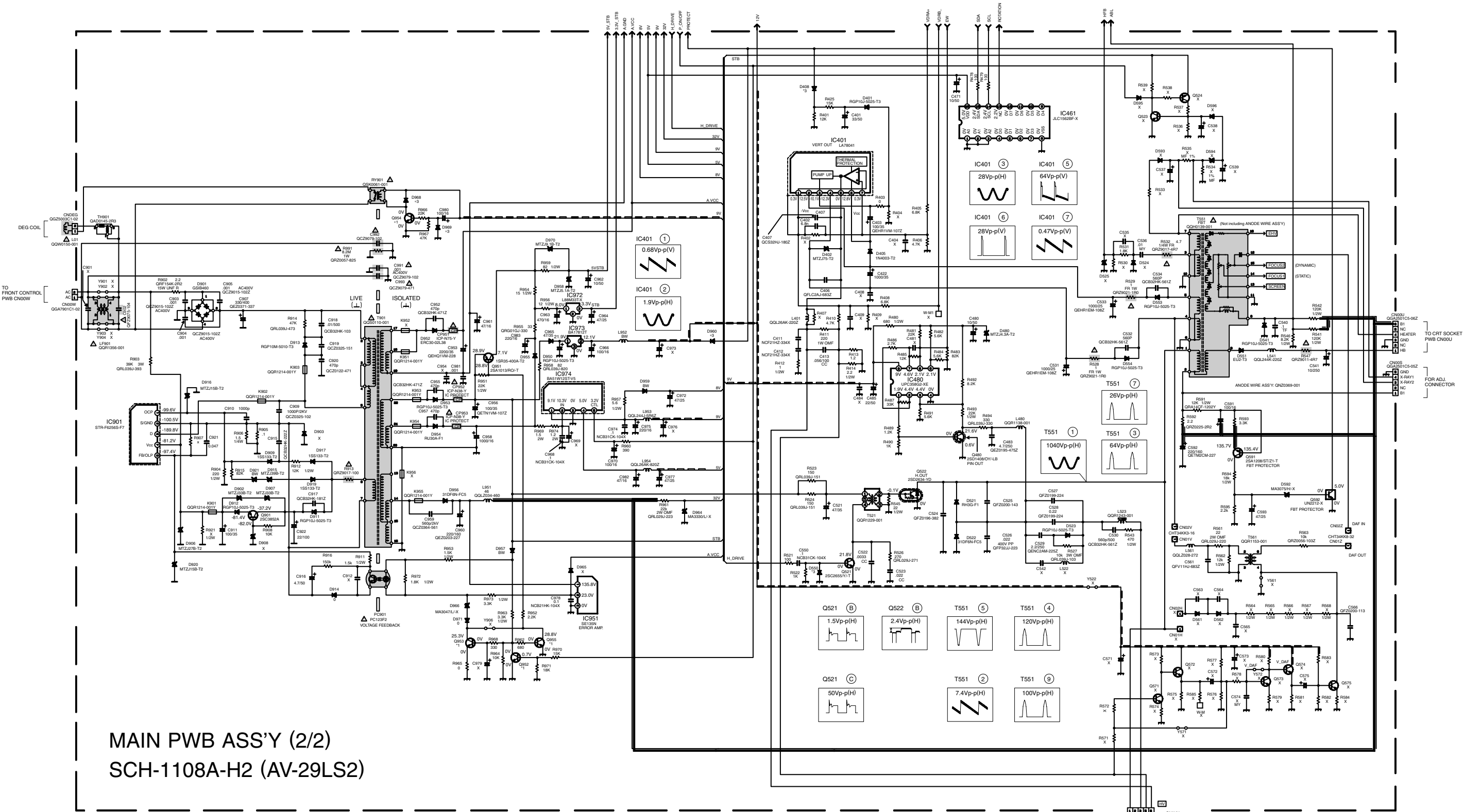
AV-29LS2
AV-29LX2
AV-2968TEE



MAIN PWB CIRCUIT DIAGRAM (1/2) [AV-29LS2]



MAIN PWB CIRCUIT DIAGRAM (2/2) [AV-29LS2]



MAIN PWB ASS'Y (2/2)
SCH-1108A-H2 (AV-29LS2)

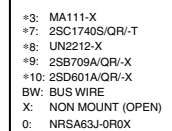
NOTE

- *1: 2SC2412K/QR-X
- *3: MA111-X
- BW: BUS WIRE
- X: NON MOUNT (OPEN)
- 0: NFRS63J-OR(X)

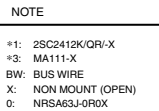
MAIN PWB ASS'Y (1/2)

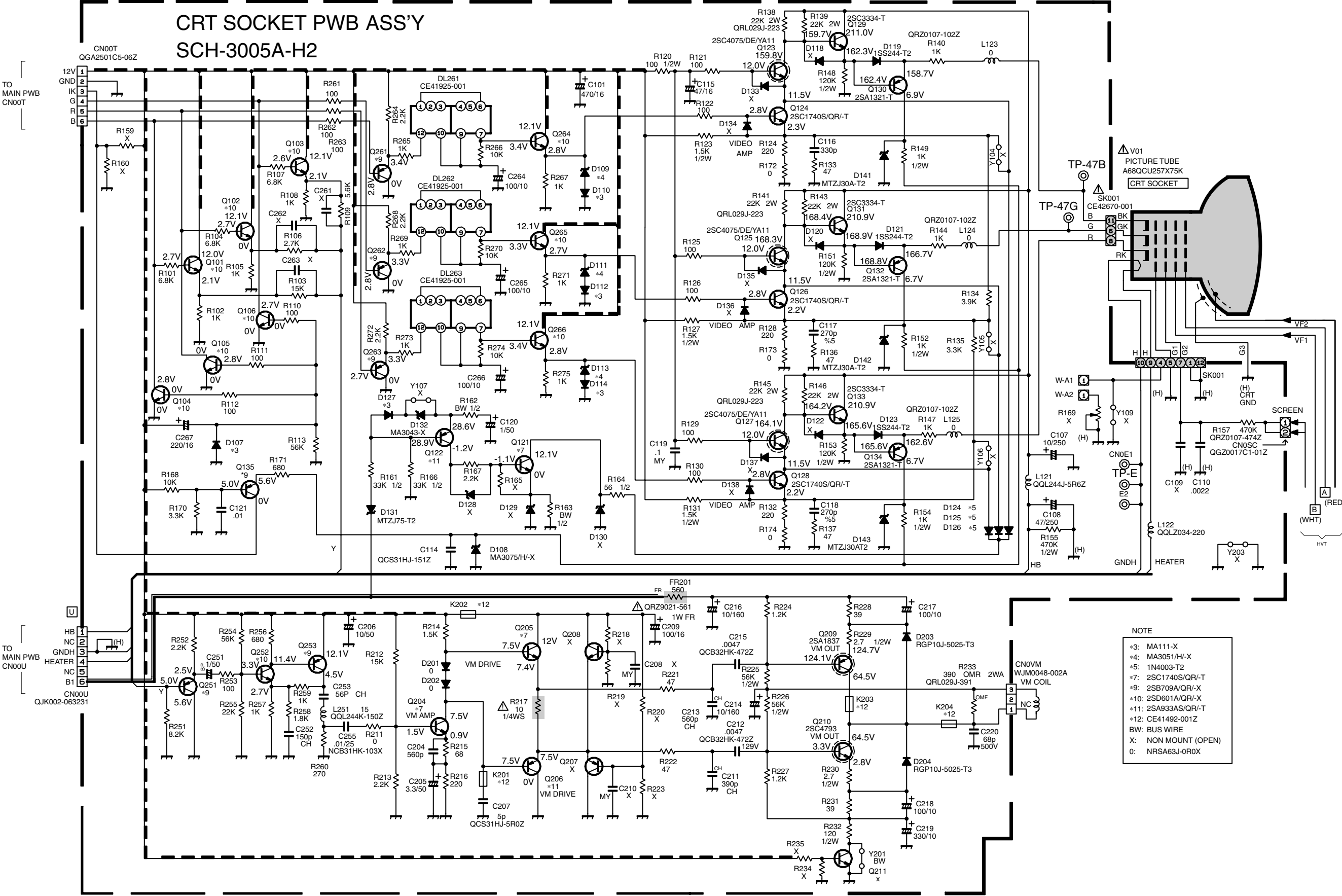
SCH-1095A-H2 (AV-29LX2, AV-29LX2/A)

SCH-1104A-H2 (AV-2968TEE)



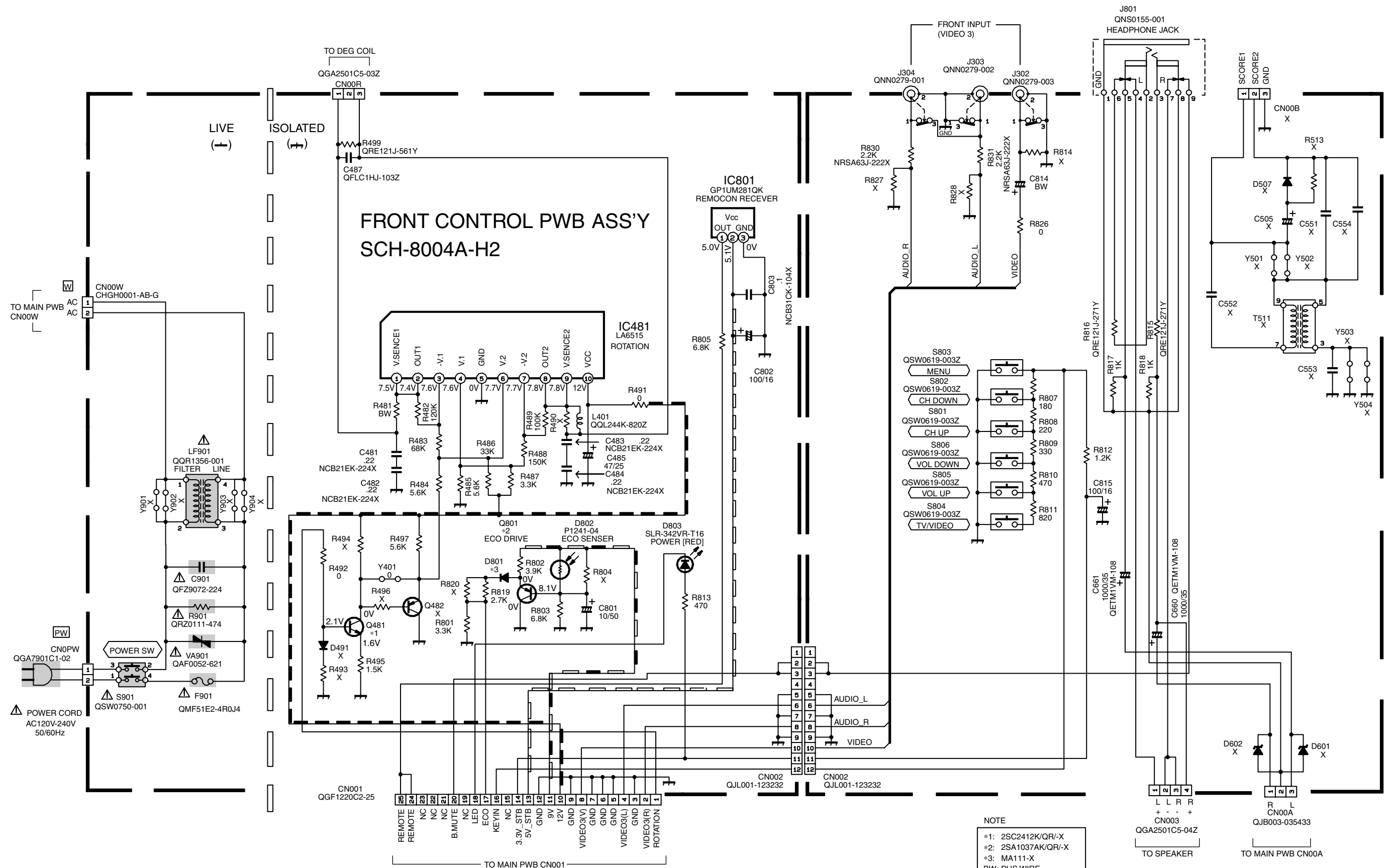
MAIN PWB ASS'Y (2/2)
SCH-1095A-H2 (AV-29LX2, AV-29LX2/A)
SCH-1104A-H2 (AV-2968TEE)





NOTE

- *3: MA111-X
- *4: MA3051/H-X
- *5: 1N4003-T2
- *7: 2SC1740S/QR/-T
- *9: 2SB709A/QR/-X
- *10: 2SD601A/QR/-X
- *11: 2SA933AS/QR/-T
- *12: CE41492-001Z
- BW: BUS WIRE
- X: NON MOUNT (OPEN)
- 0: NRSA63J-0R0X



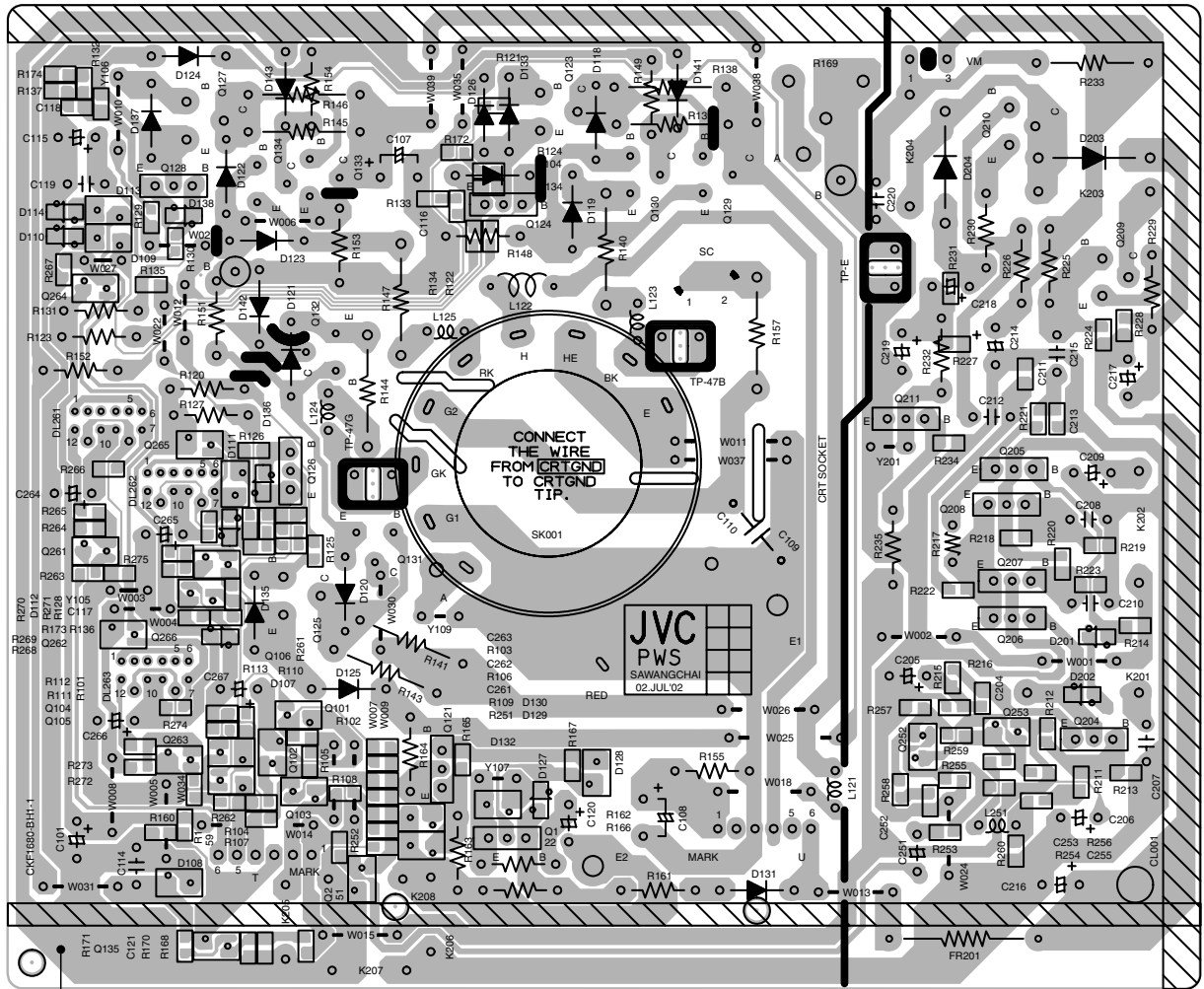
MAIN PWB PATTERN

AV-2968TEE

AV-2968TEE

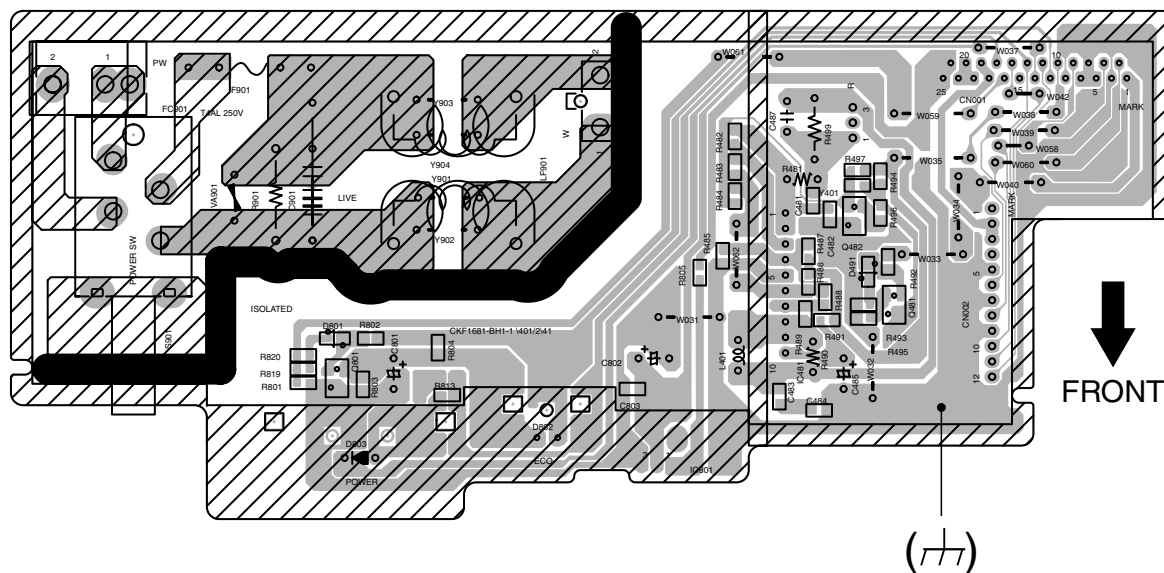


CRT SOCKET PWB PATTERN

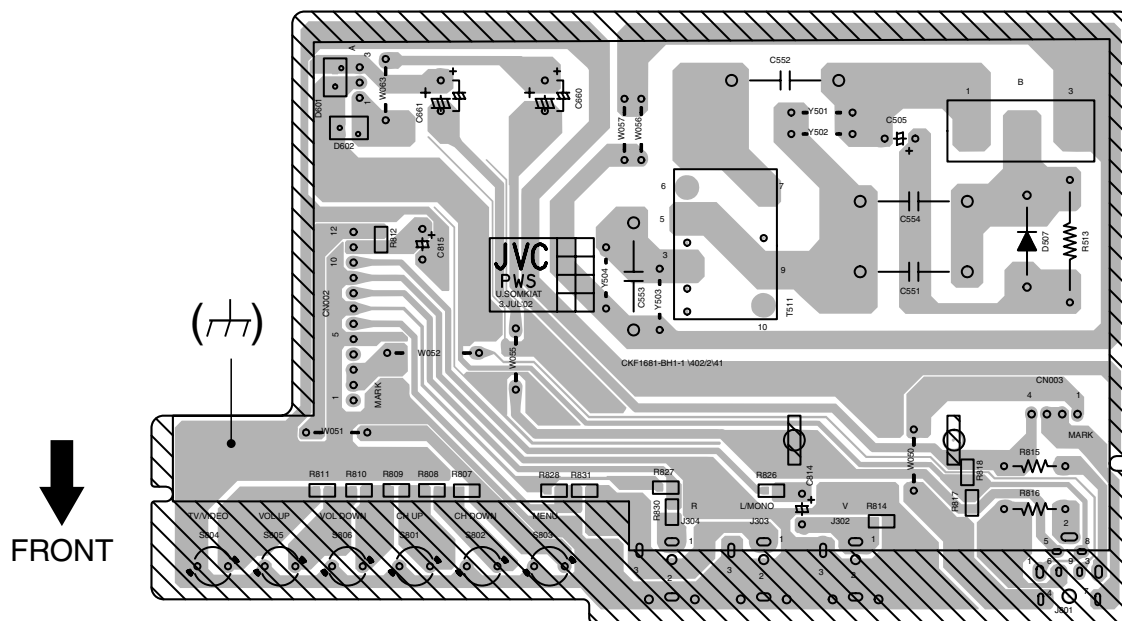


FRONT CONTROL PWB PATTERN

— FRONT CONTROL (1/2) —



— FRONT CONTROL (2/2) —





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AV29LS2-H #4
AV29LX2-H #4

AV29LX2A-H #4
AV2968TEE-H #4



Printed in Japan
0209 WPC